



Full wwPDB NMR Structure Validation Report ⓘ

Jun 3, 2023 – 07:34 PM EDT

PDB ID : 2MRO
Title : Structure of the complex of ubiquitin and the UBA domain from DNA-damage-inducible 1 protein (Ddi1)
Authors : Zhang, D.; Fushman, D.
Deposited on : 2014-07-14

This is a Full wwPDB NMR Structure Validation Report for a publicly released PDB entry.

We welcome your comments at validation@mail.wwpdb.org

A user guide is available at

<https://www.wwpdb.org/validation/2017/NMRValidationReportHelp>

with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

The following versions of software and data (see [references ⓘ](#)) were used in the production of this report:

MolProbity : 4.02b-467
Percentile statistics : 20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI : v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV : Wang et al. (2010)
wwPDB-ShiftChecker : v1.2
BMRB Restraints Analysis : v1.2
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.33

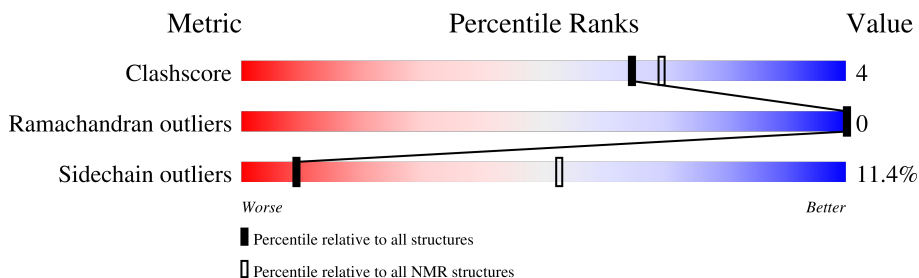
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

SOLUTION NMR

The overall completeness of chemical shifts assignment is 13%.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



Metric	Whole archive (#Entries)	NMR archive (#Entries)
Clashscore	158937	12864
Ramachandran outliers	154571	11451
Sidechain outliers	154315	11428

The table below summarises the geometric issues observed across the polymeric chains and their fit to the experimental data. The red, orange, yellow and green segments indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria. A cyan segment indicates the fraction of residues that are not part of the well-defined cores, and a grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions $\leq 5\%$

Mol	Chain	Length	Quality of chain
1	A	76	 87% 11% .
2	B	44	 80% 11% 9%

2 Ensemble composition and analysis

This entry contains 10 models. Model 6 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *lowest energy*.

The following residues are included in the computation of the global validation metrics.

Well-defined (core) protein residues			
Well-defined core	Residue range (total)	Backbone RMSD (Å)	Medoid model
1	A:1-A:74, B:390-B:429 (114)	0.78	6

Ill-defined regions of proteins are excluded from the global statistics.

Ligands and non-protein polymers are included in the analysis.

The models can be grouped into 2 clusters and 1 single-model cluster was found.

Cluster number	Models
1	1, 4, 5, 6, 7, 8
2	3, 9, 10
Single-model clusters	2

3 Entry composition

There are 2 unique types of molecules in this entry. The entry contains 1156 atoms, of which 220 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Polyubiquitin-B.

Mol	Chain	Residues	Atoms					Trace	
			Total	C	H	N	O		S
1	A	76	746	378	144	105	118	1	0

- Molecule 2 is a protein called DNA damage-inducible protein 1.

Mol	Chain	Residues	Atoms					Trace	
			Total	C	H	N	O		S
2	B	44	410	212	76	56	65	1	0

There are 4 discrepancies between the modelled and reference sequences:

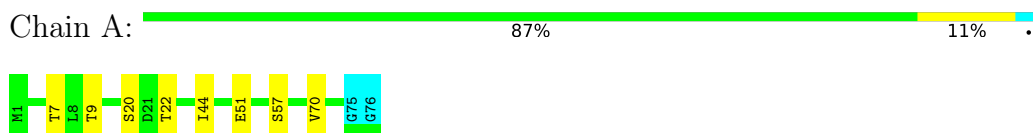
Chain	Residue	Modelled	Actual	Comment	Reference
B	386	GLY	-	expression tag	UNP P40087
B	387	SER	-	expression tag	UNP P40087
B	388	ALA	-	expression tag	UNP P40087
B	429	SER	-	expression tag	UNP P40087

4 Residue-property plots

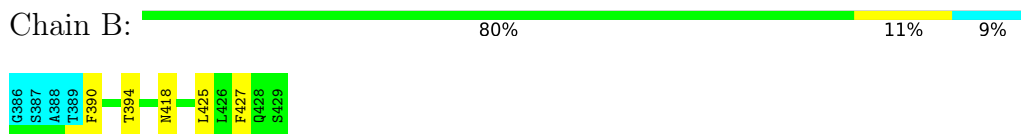
4.1 Average score per residue in the NMR ensemble

These plots are provided for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic is the same as shown in the summary in section 1 of this report. The second graphic shows the sequence where residues are colour-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. Stretches of 2 or more consecutive residues without any outliers are shown as green connectors. Residues which are classified as ill-defined in the NMR ensemble, are shown in cyan with an underline colour-coded according to the previous scheme. Residues which were present in the experimental sample, but not modelled in the final structure are shown in grey.

- Molecule 1: Polyubiquitin-B



- Molecule 2: DNA damage-inducible protein 1

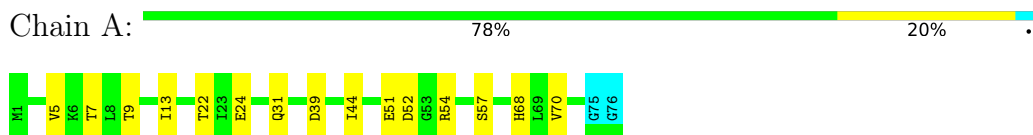


4.2 Scores per residue for each member of the ensemble

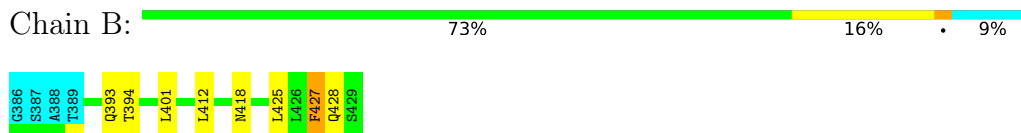
Colouring as in section 4.1 above.

4.2.1 Score per residue for model 1

- Molecule 1: Polyubiquitin-B

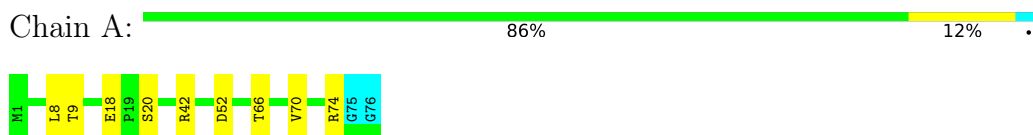


- Molecule 2: DNA damage-inducible protein 1

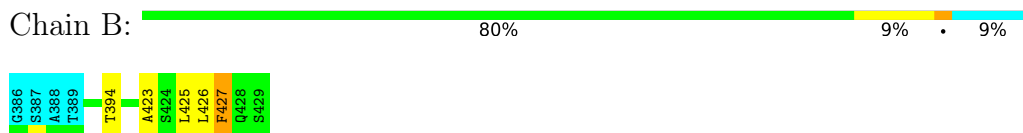


4.2.2 Score per residue for model 2

- Molecule 1: Polyubiquitin-B

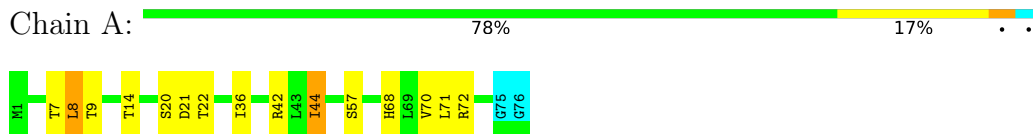


- Molecule 2: DNA damage-inducible protein 1

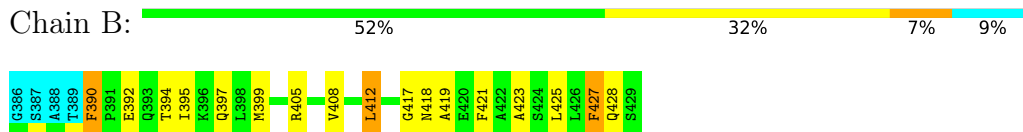


4.2.3 Score per residue for model 3

- Molecule 1: Polyubiquitin-B

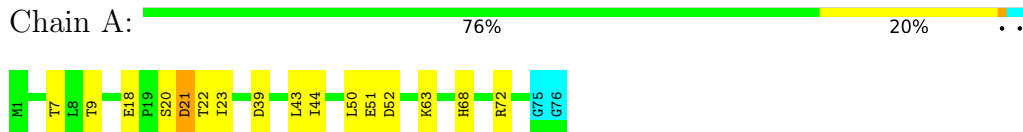


- Molecule 2: DNA damage-inducible protein 1

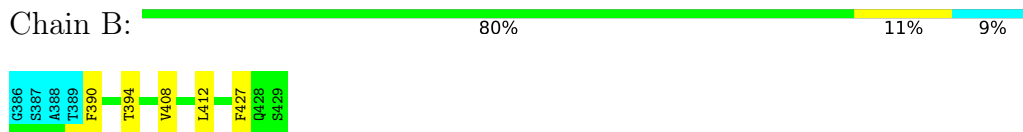


4.2.4 Score per residue for model 4

- Molecule 1: Polyubiquitin-B

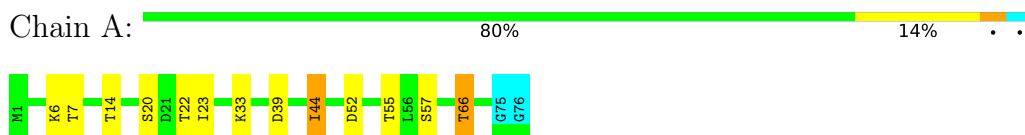


- Molecule 2: DNA damage-inducible protein 1

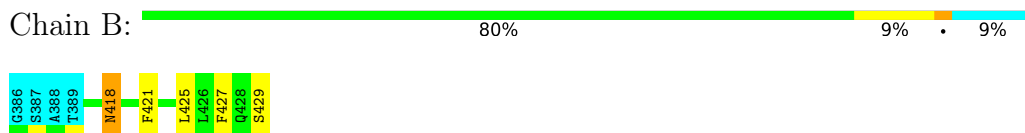


4.2.5 Score per residue for model 5

- Molecule 1: Polyubiquitin-B

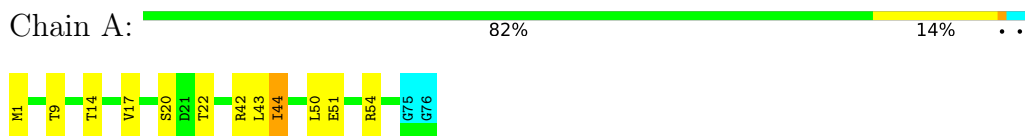


- Molecule 2: DNA damage-inducible protein 1

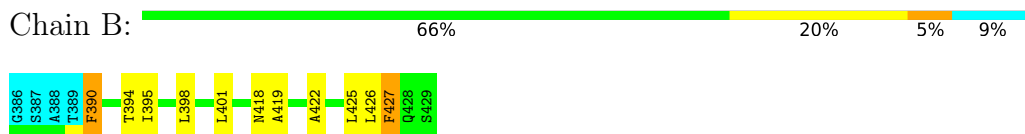


4.2.6 Score per residue for model 6 (medoid)

- Molecule 1: Polyubiquitin-B

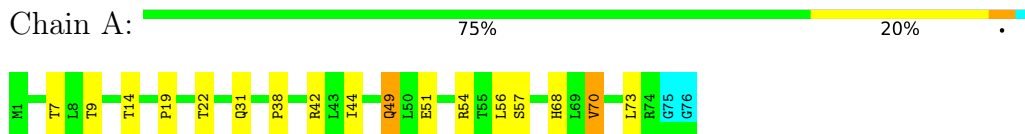


- Molecule 2: DNA damage-inducible protein 1

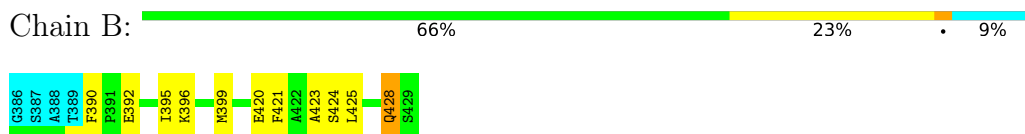


4.2.7 Score per residue for model 7

- Molecule 1: Polyubiquitin-B

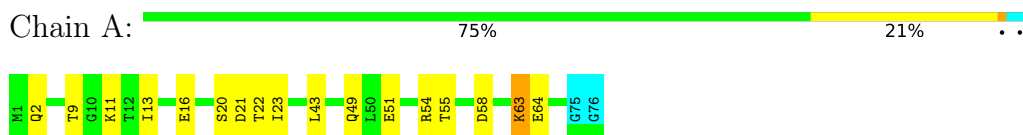


- Molecule 2: DNA damage-inducible protein 1

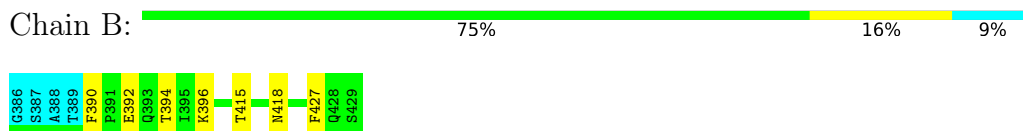


4.2.8 Score per residue for model 8

- Molecule 1: Polyubiquitin-B

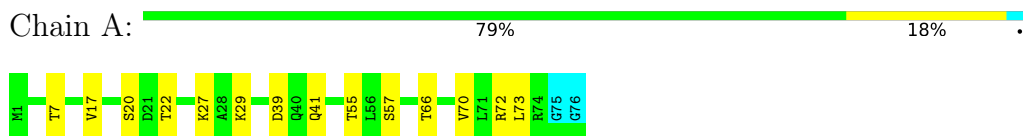


- Molecule 2: DNA damage-inducible protein 1

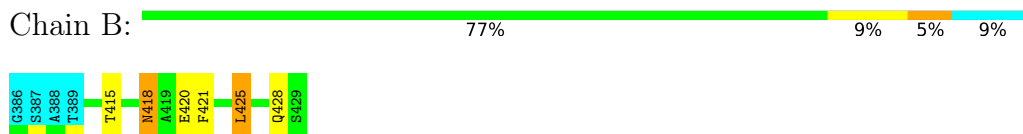


4.2.9 Score per residue for model 9

- Molecule 1: Polyubiquitin-B

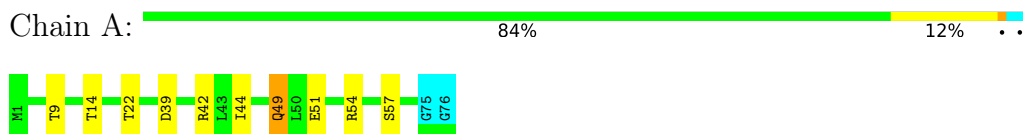


- Molecule 2: DNA damage-inducible protein 1

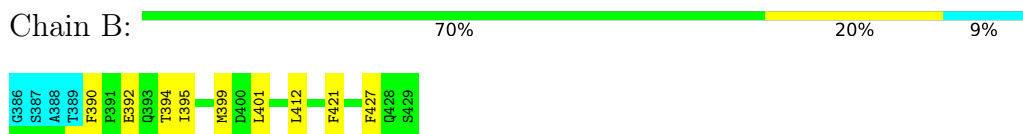


4.2.10 Score per residue for model 10

- Molecule 1: Polyubiquitin-B



- Molecule 2: DNA damage-inducible protein 1



5 Refinement protocol and experimental data overview

The models were refined using the following method: *simulated annealing*.

Of the 10 calculated structures, 10 were deposited, based on the following criterion: *structures with the least restraint violations*.

The following table shows the software used for structure solution, optimisation and refinement.

Software name	Classification	Version
HADDOCK	geometry optimization	2.1
HADDOCK	refinement	2.1
HADDOCK	structure solution	2.1

The following table shows chemical shift validation statistics as aggregates over all chemical shift files. Detailed validation can be found in section 7 of this report.

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	210
Number of shifts mapped to atoms	210
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	13%

6 Model quality i

6.1 Standard geometry i

There are no covalent bond-length or bond-angle outliers.

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts i

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in each chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes averaged over the ensemble.

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	593	142	623	6±2
2	B	312	68	314	4±2
All	All	9050	2100	9370	78

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 4.

All unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
2:B:412:LEU:HD13	2:B:417:GLY:HA2	0.74	1.58	3	1
1:A:2:GLN:HE22	1:A:16:GLU:HG2	0.62	1.55	8	1
1:A:51:GLU:HB2	1:A:54:ARG:HG2	0.61	1.72	7	5
2:B:390:PHE:HB2	2:B:395:ILE:HD11	0.60	1.73	3	2
1:A:5:VAL:HB	1:A:13:ILE:HB	0.59	1.73	1	1
2:B:418:ASN:HD21	2:B:421:PHE:HB2	0.59	1.58	5	2
1:A:44:ILE:HD11	1:A:70:VAL:HG23	0.59	1.75	1	1
1:A:70:VAL:HB	2:B:427:PHE:CE2	0.58	2.33	2	1
1:A:43:LEU:HB3	1:A:50:LEU:HD12	0.58	1.73	4	2
1:A:44:ILE:HB	2:B:427:PHE:CZ	0.58	2.33	3	1
1:A:44:ILE:HG22	1:A:49:GLN:HA	0.58	1.74	10	2
1:A:44:ILE:HD12	2:B:401:LEU:HB3	0.57	1.76	6	1
2:B:390:PHE:HB3	2:B:395:ILE:HD11	0.57	1.76	7	1

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Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
2:B:415:THR:HB	2:B:418:ASN:HB2	0.56	1.76	8	1
1:A:44:ILE:HD11	2:B:401:LEU:HB3	0.55	1.79	10	1
1:A:19:PRO:HA	1:A:56:LEU:HB2	0.54	1.80	7	1
1:A:31:GLN:HG3	1:A:38:PRO:HD3	0.54	1.78	7	1
2:B:425:LEU:O	2:B:428:GLN:HG2	0.54	2.03	1	4
1:A:17:VAL:HG12	1:A:29:LYS:HE3	0.52	1.81	9	1
1:A:70:VAL:HG22	2:B:423:ALA:HB1	0.51	1.83	7	1
2:B:395:ILE:O	2:B:399:MET:HG2	0.51	2.05	10	3
1:A:44:ILE:HG12	2:B:427:PHE:CZ	0.49	2.42	1	1
2:B:392:GLU:O	2:B:396:LYS:HG2	0.49	2.07	8	1
1:A:6:LYS:HE3	1:A:66:THR:HG21	0.49	1.83	5	1
1:A:44:ILE:HG23	2:B:427:PHE:CZ	0.49	2.43	5	1
1:A:68:HIS:CD2	2:B:401:LEU:HA	0.48	2.43	1	1
2:B:405:ARG:O	2:B:408:VAL:HG12	0.48	2.09	3	1
2:B:408:VAL:HG13	2:B:412:LEU:HD23	0.48	1.86	4	1
1:A:63:LYS:HD2	1:A:64:GLU:HG3	0.48	1.86	8	1
1:A:36:ILE:HD13	1:A:71:LEU:HD21	0.47	1.86	3	1
1:A:51:GLU:HB2	1:A:54:ARG:CG	0.47	2.40	8	4
1:A:24:GLU:HG3	1:A:52:ASP:HB3	0.47	1.87	1	1
1:A:49:GLN:HB2	2:B:427:PHE:CZ	0.47	2.45	8	1
1:A:73:LEU:HD12	2:B:420:GLU:HB3	0.46	1.86	9	1
1:A:42:ARG:HB3	2:B:427:PHE:CE2	0.46	2.46	6	1
1:A:42:ARG:NH1	2:B:428:GLN:HB3	0.46	2.25	3	1
1:A:11:LYS:HE2	1:A:13:ILE:HG12	0.46	1.87	8	1
1:A:44:ILE:CG1	1:A:68:HIS:HB2	0.45	2.41	7	1
1:A:44:ILE:HB	1:A:68:HIS:HB2	0.45	1.89	1	2
1:A:42:ARG:HB3	2:B:427:PHE:CD2	0.45	2.47	10	1
1:A:27:LYS:HE3	1:A:41:GLN:HB2	0.44	1.89	9	1
2:B:419:ALA:HA	2:B:422:ALA:HB3	0.44	1.89	6	1
1:A:18:GLU:O	1:A:21:ASP:HB2	0.44	2.12	4	1
1:A:44:ILE:HG22	1:A:68:HIS:HB2	0.43	1.90	3	1
1:A:73:LEU:HD11	2:B:420:GLU:HB3	0.43	1.89	7	1
1:A:42:ARG:CZ	2:B:428:GLN:HB3	0.42	2.43	3	1
2:B:418:ASN:ND2	2:B:421:PHE:HB2	0.42	2.28	5	1
1:A:44:ILE:HD11	1:A:70:VAL:CG2	0.42	2.42	1	1
1:A:1:MET:HG2	1:A:17:VAL:O	0.42	2.14	6	1
1:A:8:LEU:HG	1:A:70:VAL:HG22	0.42	1.90	3	1
2:B:392:GLU:HB3	2:B:396:LYS:HE3	0.42	1.90	7	1
2:B:394:THR:HG23	2:B:419:ALA:HB2	0.41	1.93	3	1
1:A:44:ILE:HG12	2:B:427:PHE:CE2	0.41	2.50	1	1
1:A:8:LEU:HD11	2:B:423:ALA:HB1	0.41	1.91	2	1

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Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:23:ILE:HG23	1:A:43:LEU:HD12	0.41	1.93	8	1
1:A:55:THR:O	1:A:58:ASP:HB2	0.40	2.15	8	1
1:A:23:ILE:HB	1:A:52:ASP:HA	0.40	1.91	4	2
1:A:18:GLU:OE1	1:A:18:GLU:HA	0.40	2.16	2	1
2:B:423:ALA:O	2:B:427:PHE:HB2	0.40	2.16	3	1
2:B:415:THR:HB	2:B:418:ASN:ND2	0.40	2.32	9	1

6.3 Torsion angles [i](#)

6.3.1 Protein backbone [i](#)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the backbone conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	A	73/76 (96%)	71±1 (98±1%)	2±1 (2±1%)	0±0 (0±0%)	100	100
2	B	39/44 (89%)	37±1 (96±2%)	2±1 (4±2%)	0±0 (0±0%)	100	100
All	All	1120/1200 (93%)	1086 (97%)	34 (3%)	0 (0%)	100	100

There are no Ramachandran outliers.

6.3.2 Protein sidechains [i](#)

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the sidechain conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
1	A	68/68 (100%)	61±2 (89±3%)	7±2 (11±3%)	10	54
2	B	33/35 (94%)	29±2 (88±5%)	4±2 (12±5%)	8	50
All	All	1010/1030 (98%)	895 (89%)	115 (11%)	9	52

All 37 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	22	THR	9
1	A	9	THR	8
1	A	20	SER	7
1	A	7	THR	6
1	A	57	SER	6
2	B	394	THR	6
1	A	39	ASP	5
2	B	418	ASN	5
2	B	427	PHE	5
1	A	14	THR	5
2	B	390	PHE	5
2	B	425	LEU	4
2	B	412	LEU	3
1	A	66	THR	3
1	A	21	ASP	3
1	A	44	ILE	3
1	A	72	ARG	3
2	B	421	PHE	3
1	A	42	ARG	2
2	B	426	LEU	2
2	B	392	GLU	2
1	A	63	LYS	2
1	A	55	THR	2
1	A	49	GLN	2
1	A	70	VAL	2
1	A	31	GLN	1
2	B	393	GLN	1
1	A	52	ASP	1
1	A	74	ARG	1
1	A	8	LEU	1
2	B	397	GLN	1
1	A	51	GLU	1
1	A	33	LYS	1
2	B	429	SER	1
2	B	398	LEU	1
2	B	424	SER	1
2	B	428	GLN	1

6.3.3 RNA [i](#)

There are no RNA molecules in this entry.

6.4 Non-standard residues in protein, DNA, RNA chains [i](#)

There are no non-standard protein/DNA/RNA residues in this entry.

6.5 Carbohydrates [i](#)

There are no monosaccharides in this entry.

6.6 Ligand geometry [i](#)

There are no ligands in this entry.

6.7 Other polymers [i](#)

There are no such molecules in this entry.

6.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

7 Chemical shift validation i

The completeness of assignment taking into account all chemical shift lists is 13% for the well-defined parts and 13% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_1*

7.1.1 Bookkeeping i

The following table shows the results of parsing the chemical shift list and reports the number of nuclei with statistically unusual chemical shifts.

Total number of shifts	210
Number of shifts mapped to atoms	210
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

7.1.2 Chemical shift referencing i

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction \pm precision, ppm	Suggested action
$^{13}\text{C}_\alpha$	0	—	None (insufficient data)
$^{13}\text{C}_\beta$	0	—	None (insufficient data)
$^{13}\text{C}'$	0	—	None (insufficient data)
^{15}N	105	0.85 ± 0.60	None needed (imprecise)

7.1.3 Completeness of resonance assignments i

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 13%, i.e. 204 atoms were assigned a chemical shift out of a possible 1606. 0 out of 20 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^1H	^{13}C	^{15}N
Backbone	204/566 (36%)	102/229 (45%)	0/228 (0%)	102/109 (94%)
Sidechain	0/964 (0%)	0/624 (0%)	0/301 (0%)	0/39 (0%)

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	Total	¹ H	¹³ C	¹⁵ N
Aromatic	0/76 (0%)	0/38 (0%)	0/37 (0%)	0/1 (0%)
Overall	204/1606 (13%)	102/891 (11%)	0/566 (0%)	102/149 (68%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 13%, i.e. 210 atoms were assigned a chemical shift out of a possible 1652. 0 out of 20 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	¹ H	¹³ C	¹⁵ N
Backbone	210/599 (35%)	105/244 (43%)	0/240 (0%)	105/115 (91%)
Sidechain	0/977 (0%)	0/633 (0%)	0/305 (0%)	0/39 (0%)
Aromatic	0/76 (0%)	0/38 (0%)	0/37 (0%)	0/1 (0%)
Overall	210/1652 (13%)	105/915 (11%)	0/582 (0%)	105/155 (68%)

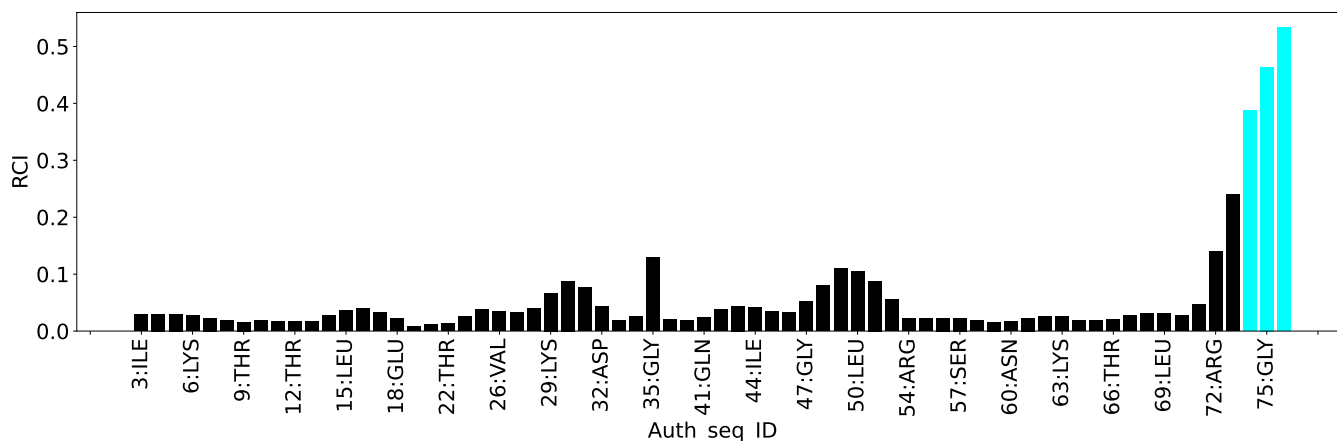
7.1.4 Statistically unusual chemical shifts [i](#)

There are no statistically unusual chemical shifts.

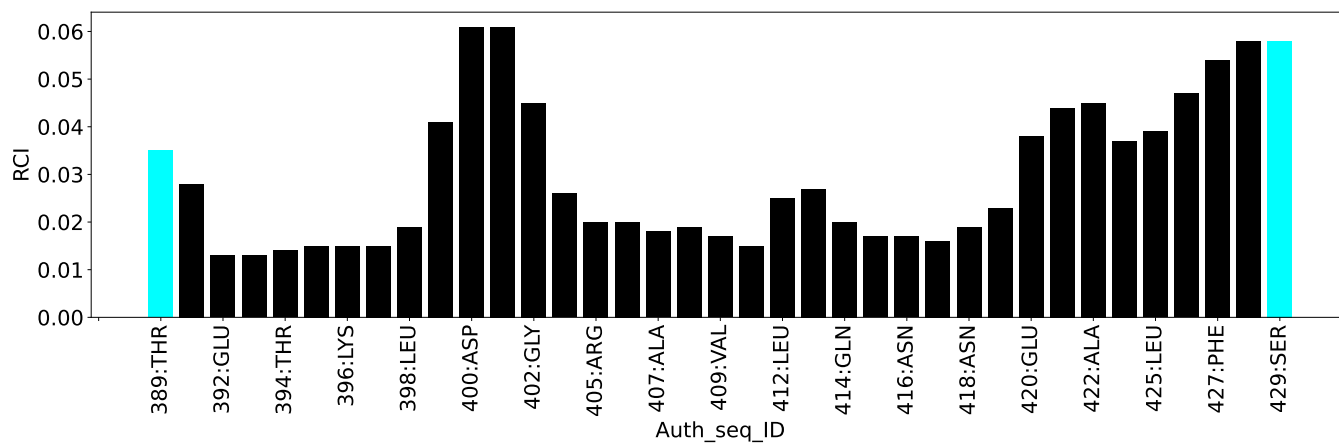
7.1.5 Random Coil Index (RCI) plots [i](#)

The image below reports *random coil index* values for the protein chains in the structure. The height of each bar gives a probability of a given residue to be disordered, as predicted from the available chemical shifts and the amino acid sequence. A value above 0.2 is an indication of significant predicted disorder. The colour of the bar shows whether the residue is in the well-defined core (black) or in the ill-defined residue ranges (cyan), as described in section 2 on ensemble composition. If well-defined core and ill-defined regions are not identified then it is shown as gray bars.

Random coil index (RCI) for chain A:



Random coil index (RCI) for chain B:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

The following table provides the summary of experimentally observed NMR restraints in different categories. Restraints are classified into different categories based on the sequence separation of the atoms involved.

Description	Value
Total distance restraints	22
Intra-residue ($ i-j =0$)	0
Sequential ($ i-j =1$)	0
Medium range ($ i-j >1$ and $ i-j <5$)	0
Long range ($ i-j \geq 5$)	0
Inter-chain	22
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.2
Number of long range restraints per residue ¹	0.0

¹Long range hydrogen bonds and disulfide bonds are counted as long range restraints while calculating the number of long range restraints per residue

8.2 Residual restraint violations

This section provides the overview of the restraint violations analysis. The violations are binned as small, medium and large violations based on its absolute value. Average number of violations per model is calculated by dividing the total number of violations in each bin by the size of the ensemble.

8.2.1 Average number of distance violations per model

Distance violations less than 0.1 Å are not included in the calculation.

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	2.8	0.2
0.2-0.5 (Medium)	4.3	0.49
>0.5 (Large)	2.1	1.35

8.2.2 Average number of dihedral-angle violations per model [i](#)

Dihedral-angle violations less than 1° are not included in the calculation. There are no dihedral-angle violations

9 Distance violation analysis

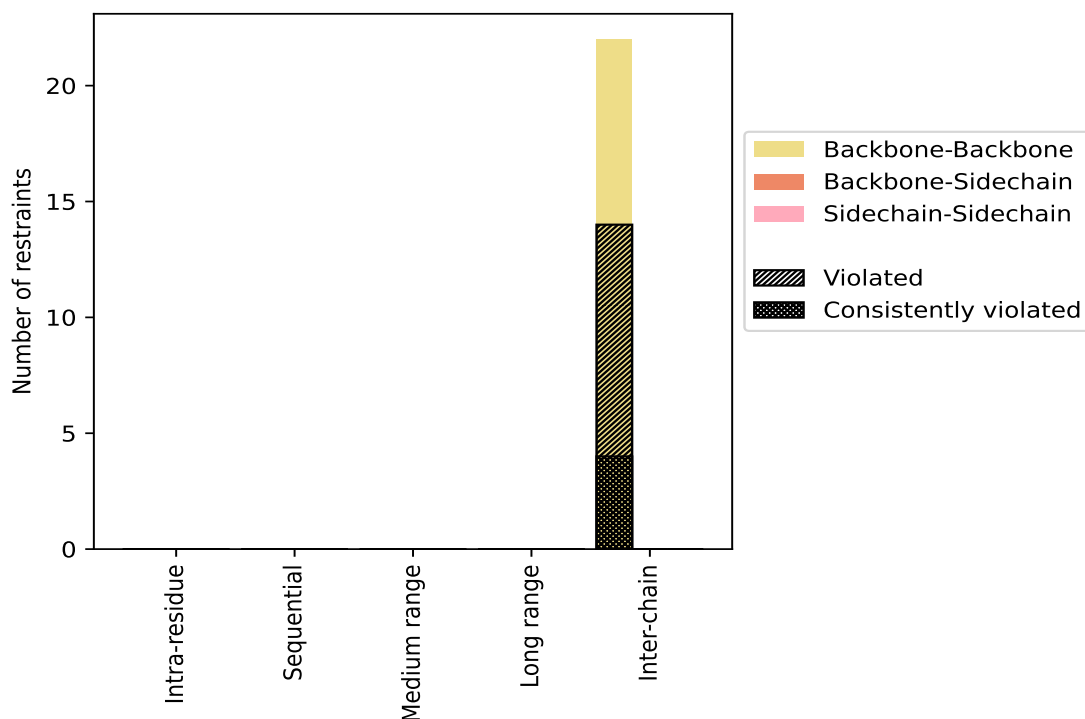
9.1 Summary of distance violations

The following table shows the summary of distance violations in different restraint categories based on the sequence separation of the atoms involved. Each category is further sub-divided into three sub-categories based on the atoms involved. Violations less than 0.1 Å are not included in the statistics.

Restrains type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
Intra-residue (i-j =0)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential (i-j =1)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range (i-j >1 & i-j <5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range (i-j ≥5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	22	100.0	14	63.6	63.6	4	18.2	18.2
Backbone-Backbone	22	100.0	14	63.6	63.6	4	18.2	18.2
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	22	100.0	14	63.6	63.6	4	18.2	18.2
Backbone-Backbone	22	100.0	14	63.6	63.6	4	18.2	18.2
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0

¹ percentage calculated with respect to the total number of distance restraints, ² percentage calculated with respect to the number of restraints in a particular restraint category, ³ violated in at least one model, ⁴ violated in all the models

9.1.1 Bar chart : Distribution of distance restraints and violations [i](#)



Violated and consistently violated restraints are shown using different hatch patterns in their respective categories. The hydrogen bonds and disulfid bonds are counted in their appropriate category on the x-axis

9.2 Distance violation statistics for each model [i](#)

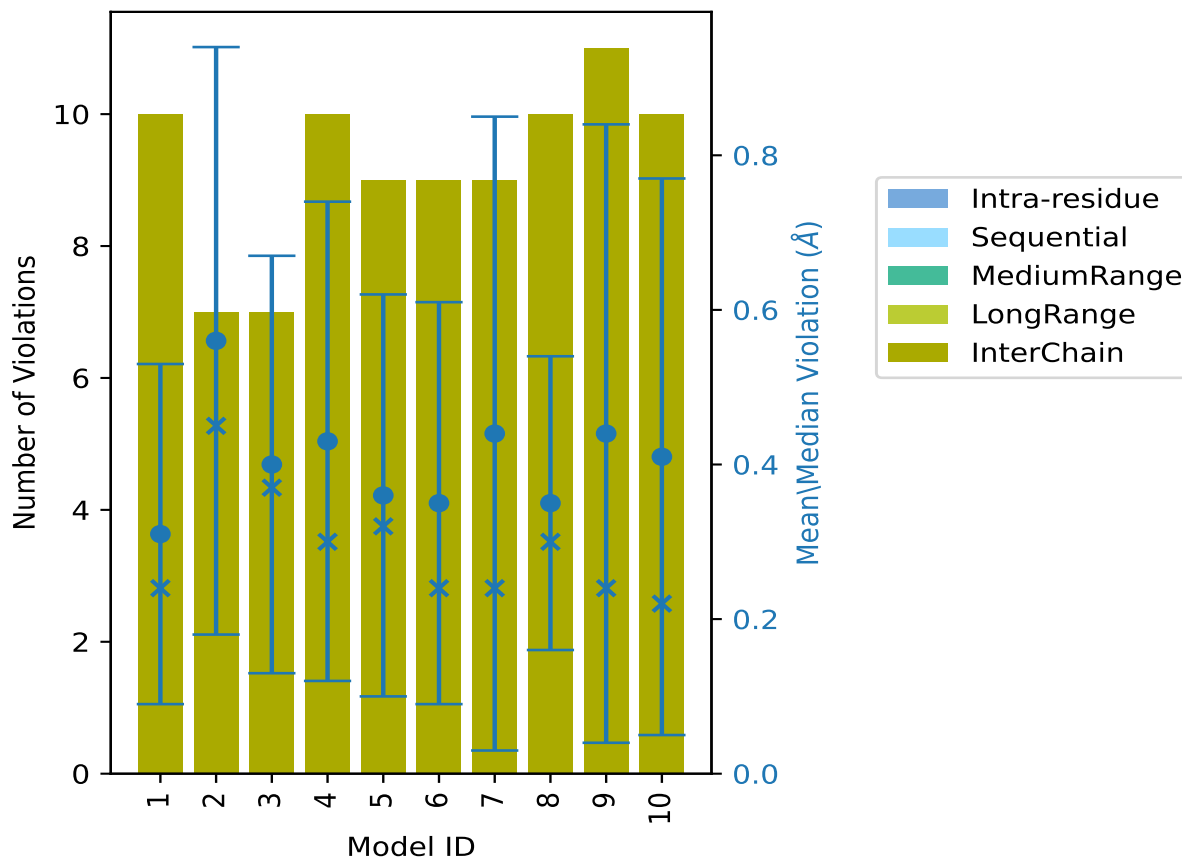
The following table provides the distance violation statistics for each model in the ensemble. Violations less than 0.1 Å are not included in the statistics.

Model ID	Number of violations						Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total				
1	0	0	0	0	10	10	0.31	0.91	0.22	0.24
2	0	0	0	0	7	7	0.56	1.32	0.38	0.45
3	0	0	0	0	7	7	0.4	0.97	0.27	0.37
4	0	0	0	0	10	10	0.43	1.18	0.31	0.3
5	0	0	0	0	9	9	0.36	1.04	0.26	0.32
6	0	0	0	0	9	9	0.35	1.0	0.26	0.24
7	0	0	0	0	9	9	0.44	1.27	0.41	0.24
8	0	0	0	0	10	10	0.35	0.75	0.19	0.3
9	0	0	0	0	11	11	0.44	1.35	0.4	0.24
10	0	0	0	0	10	10	0.41	1.16	0.36	0.22

¹Intra-residue restraints, ²Sequential restraints, ³Medium range restraints, ⁴Long range restraints,

⁵Inter-chain restraints, ⁶Standard deviation

9.2.1 Bar graph : Distance Violation statistics for each model [i](#)



The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

9.3 Distance violation statistics for the ensemble [i](#)

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 8(IR:0, SQ:0, MR:0, LR:0, IC:8) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total	Count ⁶	%
0	0	0	0	2	2	1	10.0
0	0	0	0	0	0	2	20.0
0	0	0	0	1	1	3	30.0
0	0	0	0	0	0	4	40.0

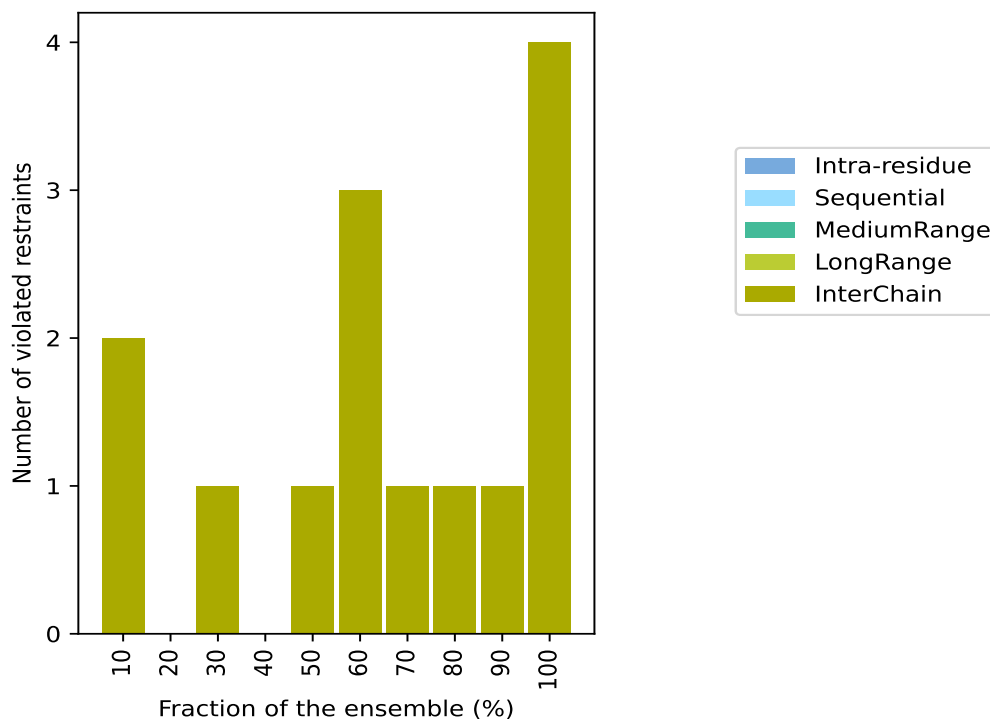
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Number of violated restraints						Fraction of the ensemble	
IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total	Count ⁶	%
0	0	0	0	1	1	5	50.0
0	0	0	0	3	3	6	60.0
0	0	0	0	1	1	7	70.0
0	0	0	0	1	1	8	80.0
0	0	0	0	1	1	9	90.0
0	0	0	0	4	4	10	100.0

¹Intra-residue restraints, ²Sequential restraints, ³Medium range restraints, ⁴Long range restraints, ⁵Inter-chain restraints, ⁶ Number of models with violations

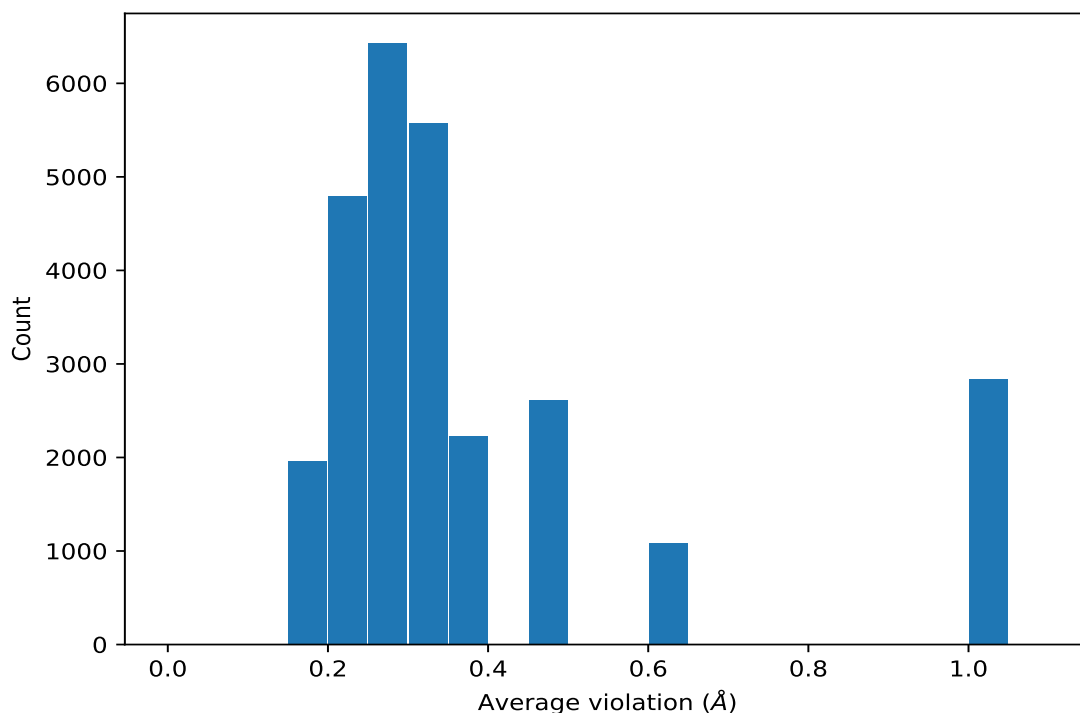
9.3.1 Bar graph : Distance violation statistics for the ensemble [i](#)



9.4 Most violated distance restraints in the ensemble [i](#)

9.4.1 Histogram : Distribution of mean distance violations [i](#)

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models in the ensemble



9.4.2 Table: Most violated distance restraints [i](#)

The following table provides the mean and the standard deviation of the violation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	10	1.03	0.18	1.0

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	10	1.03	0.18	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	10	1.03	0.18	1.0
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	10	0.39	0.13	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	10	0.39	0.13	0.41
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	10	0.39	0.13	0.41
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	10	0.35	0.21	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	10	0.35	0.21	0.26
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	10	0.35	0.21	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	10	0.32	0.13	0.25

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	10	0.32	0.13	0.25
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	10	0.32	0.13	0.25
(1,5)	1:A:44:ILE:C	2:B:394:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:CE	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:C	2:B:399:MET:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:SD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:402:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:402:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:402:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:402:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:402:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CA	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:417:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:417:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:417:GLY:H	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:C	2:B:417:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:417:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:ND2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:423:ALA:C	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:423:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:423:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:423:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE22	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:C	2:B:428:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE22	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:SD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE1	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CG2	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CA	2:B:415:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:ND2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD2	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:O	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:O	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:SD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:H	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE22	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:ND2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:N	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD1	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CE	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:SD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD1	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:O	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:ND2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:N	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD2	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:HG1	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:SD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:H	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CE	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:N	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:ND2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:HG	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:N	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:H	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:SD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CD	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:O	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:ND2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CB	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:NE2	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:NE2	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:H	2:B:397:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:SD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:402:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:402:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:402:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:402:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:402:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CG	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:HG1	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:H	2:B:415:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:417:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:417:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:417:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:417:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:417:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:ND2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE2	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CA	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CA	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:SD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:402:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:402:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:402:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:402:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:402:GLY:O	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:N	2:B:403:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:NE2	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:N	2:B:414:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:417:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:417:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:417:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:417:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:417:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:ND2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE1	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE1	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:H	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:SD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CG	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:O	2:B:401:LEU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:402:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:402:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:402:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:402:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:402:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CE	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ3	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:NZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CA	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:CG2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:HG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:OG1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:417:GLY:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:417:GLY:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:417:GLY:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:417:GLY:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:417:GLY:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:ND2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:OD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:C	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:OG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:H	9	0.19	0.06	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	1:A:44:ILE:O	2:B:425:LEU:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CZ	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CD	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE21	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE22	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:NE2	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:OE1	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:C	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:CA	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:CB	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:H	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:HG	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:N	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:O	9	0.19	0.06	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:OG	9	0.19	0.06	0.15
(1,11)	1:A:71:LEU:C	2:B:394:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:394:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:394:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:394:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:394:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:394:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:394:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:394:THR:O	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:C	2:B:394:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:396:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:397:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:399:MET:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:399:MET:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:399:MET:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:399:MET:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:399:MET:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:399:MET:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:399:MET:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:399:MET:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:399:MET:SD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:400:ASP:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:400:ASP:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:400:ASP:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:400:ASP:O	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:401:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:401:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:401:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:401:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:402:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:402:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:402:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:402:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:402:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:403:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:404:PRO:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:404:PRO:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:404:PRO:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:H	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:410:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:414:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:415:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:415:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:415:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:415:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:415:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:415:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:415:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:415:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:415:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:417:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:417:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:417:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:417:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:417:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:418:ASN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:418:ASN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:418:ASN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:418:ASN:ND2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:418:ASN:O	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:C	2:B:418:ASN:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:419:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:419:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:419:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:419:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:420:GLU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:420:GLU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:420:GLU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:420:GLU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:421:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:423:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:423:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:423:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:423:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:424:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:424:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:424:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:424:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:424:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:424:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:424:SER:O	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:C	2:B:424:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:425:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:425:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:425:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:425:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:427:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:428:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:429:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:429:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:429:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:429:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:429:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:429:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:429:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:C	2:B:429:SER:OG	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CA	2:B:394:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:394:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:394:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:394:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:394:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:394:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:399:MET:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:399:MET:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:399:MET:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:399:MET:O	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CA	2:B:399:MET:SD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:N	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:415:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:415:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:415:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:415:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:415:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:415:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CA	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:ND2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:N	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:424:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:424:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:424:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:424:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:424:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:424:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:OE1	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CA	2:B:429:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:429:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:429:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:429:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:429:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CA	2:B:429:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:394:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:394:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:394:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:394:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:394:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:394:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:OE1	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CB	2:B:399:MET:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:399:MET:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:399:MET:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:399:MET:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:399:MET:SD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:H	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:415:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:415:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:415:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:415:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:415:THR:O	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CB	2:B:415:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:ND2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CZ	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:424:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:424:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:424:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:424:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:424:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:424:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CD	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:429:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:429:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:429:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:429:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:429:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CB	2:B:429:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CD	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:SD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CA	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:OE1	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:ND2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:C	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CG	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ2	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:SD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:N	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CD	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:ND2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CB	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:O	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:394:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:394:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:394:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:394:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:394:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:394:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:C	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:399:MET:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:399:MET:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:399:MET:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:399:MET:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:399:MET:SD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD2	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ2	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:415:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:415:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:415:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:415:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:415:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:415:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:ND2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:C	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:424:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:424:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:424:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:424:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:424:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:424:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:C	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:429:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:429:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:429:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:429:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:429:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:CG	2:B:429:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:394:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:394:THR:CA	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:H	2:B:394:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:394:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:394:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:394:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:394:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:394:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:394:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:396:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:397:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:399:MET:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:399:MET:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:399:MET:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:399:MET:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:399:MET:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:399:MET:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:399:MET:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:399:MET:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:399:MET:SD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:400:ASP:C	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:400:ASP:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:400:ASP:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:400:ASP:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:401:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:401:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:401:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:401:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:402:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:402:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:402:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:402:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:402:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:403:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:404:PRO:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:404:PRO:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:404:PRO:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:C	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:410:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:414:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:415:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:415:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:415:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:415:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:415:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:415:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:415:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:415:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:415:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:417:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:417:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:417:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:417:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:417:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:418:ASN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CG	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:H	2:B:418:ASN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:418:ASN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:418:ASN:ND2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:418:ASN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:418:ASN:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:419:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:419:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:419:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:419:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:420:GLU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:420:GLU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:420:GLU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:420:GLU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:421:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:423:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:423:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:423:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:423:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:424:SER:C	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:H	2:B:424:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:424:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:424:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:424:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:424:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:424:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:424:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:425:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:425:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:425:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:425:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:427:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:428:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:429:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:429:SER:CA	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:H	2:B:429:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:429:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:429:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:429:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:429:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:H	2:B:429:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:394:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:394:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:394:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:394:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:394:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:394:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:394:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:394:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:394:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:396:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:397:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:399:MET:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:399:MET:CA	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:N	2:B:399:MET:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:399:MET:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:399:MET:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:399:MET:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:399:MET:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:399:MET:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:399:MET:SD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:400:ASP:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:400:ASP:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:400:ASP:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:400:ASP:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:401:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:401:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:401:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:401:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:402:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:402:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:402:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:402:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:402:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:403:PHE:O	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:N	2:B:404:PRO:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:404:PRO:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:404:PRO:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:410:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:414:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:415:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:415:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:415:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:415:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:415:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:415:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:415:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:415:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:415:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:417:GLY:C	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:N	2:B:417:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:417:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:417:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:417:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:ND2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:418:ASN:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:419:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:419:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:419:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:419:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:420:GLU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:420:GLU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:420:GLU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:420:GLU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:421:PHE:N	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:N	2:B:421:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:423:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:423:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:423:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:423:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:424:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:424:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:424:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:424:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:424:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:424:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:424:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:424:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:425:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:425:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:425:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:425:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:427:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:H	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:428:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:429:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:429:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:429:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:429:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:429:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:429:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:429:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:N	2:B:429:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:394:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:394:THR:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:394:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:394:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:394:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:394:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:394:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:394:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:394:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:396:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:H	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:397:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:399:MET:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:399:MET:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:399:MET:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:399:MET:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:399:MET:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:399:MET:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:399:MET:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:399:MET:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:399:MET:SD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:400:ASP:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:400:ASP:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:400:ASP:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:400:ASP:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:401:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:401:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:401:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:401:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:402:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:402:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:402:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:402:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:402:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD1	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:403:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:404:PRO:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:404:PRO:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:404:PRO:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CE	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ3	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:NZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:410:LYS:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:414:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:415:THR:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:415:THR:CA	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:O	2:B:415:THR:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:415:THR:CG2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:415:THR:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:415:THR:HG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:415:THR:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:415:THR:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:415:THR:OG1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:417:GLY:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:417:GLY:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:417:GLY:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:417:GLY:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:417:GLY:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:ND2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:418:ASN:OD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:419:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:419:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:419:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:419:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:420:GLU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:420:GLU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:420:GLU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:420:GLU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CB	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:421:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:423:ALA:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:423:ALA:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:423:ALA:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:423:ALA:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:424:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:424:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:424:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:424:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:424:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:424:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:424:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:424:SER:OG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:425:LEU:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:425:LEU:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:425:LEU:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:425:LEU:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CZ	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:H	8	0.25	0.13	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,11)	1:A:71:LEU:O	2:B:427:PHE:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:427:PHE:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CD	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE21	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE22	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:NE2	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:428:GLN:OE1	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:429:SER:C	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:429:SER:CA	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:429:SER:CB	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:429:SER:H	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:429:SER:HG	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:429:SER:N	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:429:SER:O	8	0.25	0.13	0.22
(1,11)	1:A:71:LEU:O	2:B:429:SER:OG	8	0.25	0.13	0.22
(1,10)	1:A:70:VAL:C	2:B:394:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:N	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:C	2:B:396:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:SD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:402:GLY:C	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:C	2:B:402:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:402:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:402:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:402:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:H	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:417:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:417:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:417:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:417:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:417:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:ND2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CG	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:C	2:B:420:GLU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CA	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CB	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:SD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CA	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:N	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:ND2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CB	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CB	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CG2	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CB	2:B:394:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:SD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CB	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CB	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD21	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:ND2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CB	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CB	2:B:424:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:H	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CB	2:B:429:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CE	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:SD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CA	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:H	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:ND2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:C	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE22	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE22	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:SD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE1	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CG2	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:ND2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD2	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:O	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:O	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:H	2:B:397:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:SD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:402:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:402:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:402:GLY:H	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:H	2:B:402:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:402:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE22	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:H	2:B:414:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:417:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:417:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:417:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:417:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:417:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:ND2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:N	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:H	2:B:420:GLU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD1	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CE	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:SD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD1	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:402:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:402:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:402:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:402:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:402:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:O	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:N	2:B:414:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:417:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:417:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:417:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:417:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:417:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:ND2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:N	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:N	2:B:419:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD2	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:HG1	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:O	2:B:394:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:CE	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:SD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:H	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:O	2:B:400:ASP:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:402:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:402:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:402:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:402:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:402:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CE	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ3	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:NZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:CG2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:HG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:OG1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:417:GLY:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:417:GLY:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:417:GLY:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:417:GLY:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:417:GLY:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:N	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:O	2:B:418:ASN:ND2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:OD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:HG	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:O	2:B:424:SER:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:OG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CZ	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CD	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE21	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE22	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:N	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:NE2	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:OE1	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:C	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:CA	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:CB	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:H	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:HG	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:N	7	0.23	0.07	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:70:VAL:O	2:B:429:SER:O	7	0.23	0.07	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:OG	7	0.23	0.07	0.24
(1,3)	1:A:10:GLY:C	2:B:394:THR:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:394:THR:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:394:THR:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:394:THR:CG2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:394:THR:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:394:THR:HG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:394:THR:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:394:THR:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:394:THR:OG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ3	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:NZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:396:LYS:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:397:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:399:MET:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:399:MET:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:399:MET:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:399:MET:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:399:MET:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:399:MET:H	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:C	2:B:399:MET:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:399:MET:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:399:MET:SD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:400:ASP:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:400:ASP:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:400:ASP:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:400:ASP:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:401:LEU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:401:LEU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:401:LEU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:401:LEU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:402:GLY:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:402:GLY:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:402:GLY:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:402:GLY:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:402:GLY:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:403:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:404:PRO:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CD	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:404:PRO:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:404:PRO:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ3	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:NZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:410:LYS:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:414:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:415:THR:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:415:THR:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:415:THR:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:415:THR:CG2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:415:THR:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:415:THR:HG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:415:THR:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:415:THR:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:415:THR:OG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:417:GLY:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:417:GLY:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:417:GLY:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:417:GLY:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:417:GLY:O	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:C	2:B:418:ASN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:418:ASN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:418:ASN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:418:ASN:ND2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:418:ASN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:418:ASN:OD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:419:ALA:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:419:ALA:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:419:ALA:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:419:ALA:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:420:GLU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:420:GLU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:420:GLU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:420:GLU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:421:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:423:ALA:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CB	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:C	2:B:423:ALA:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:423:ALA:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:423:ALA:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:424:SER:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:424:SER:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:424:SER:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:424:SER:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:424:SER:HG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:424:SER:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:424:SER:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:424:SER:OG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:425:LEU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:425:LEU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:425:LEU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:425:LEU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:427:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:NE2	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:C	2:B:428:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:428:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:429:SER:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:429:SER:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:429:SER:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:429:SER:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:429:SER:HG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:429:SER:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:429:SER:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:C	2:B:429:SER:OG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:394:THR:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CG2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:394:THR:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:394:THR:HG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:394:THR:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:394:THR:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:394:THR:OG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ3	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:NZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:NE2	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:399:MET:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:399:MET:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:399:MET:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:399:MET:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:399:MET:SD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CG	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ3	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:NZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:415:THR:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CG2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:415:THR:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:415:THR:HG1	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:CA	2:B:415:THR:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:415:THR:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:415:THR:OG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:ND2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:OD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE2	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:424:SER:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:424:SER:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:424:SER:HG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:424:SER:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:424:SER:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:424:SER:OG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CA	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:429:SER:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:429:SER:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:429:SER:HG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:429:SER:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:429:SER:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:CA	2:B:429:SER:OG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:394:THR:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:394:THR:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:394:THR:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:394:THR:CG2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:394:THR:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:394:THR:HG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:394:THR:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:394:THR:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:394:THR:OG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ3	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:NZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:396:LYS:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CA	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:397:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:399:MET:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:399:MET:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:399:MET:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:399:MET:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:399:MET:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:399:MET:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:399:MET:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:399:MET:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:399:MET:SD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:400:ASP:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:400:ASP:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:400:ASP:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:400:ASP:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:401:LEU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:401:LEU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:401:LEU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:401:LEU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:402:GLY:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:402:GLY:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:402:GLY:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:402:GLY:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:402:GLY:O	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:H	2:B:403:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:403:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:404:PRO:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:404:PRO:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:404:PRO:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ3	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:NZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:410:LYS:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:NE2	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:H	2:B:414:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:414:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:415:THR:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:415:THR:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:415:THR:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:415:THR:CG2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:415:THR:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:415:THR:HG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:415:THR:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:415:THR:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:415:THR:OG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:417:GLY:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:417:GLY:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:417:GLY:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:417:GLY:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:417:GLY:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:ND2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:418:ASN:OD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:419:ALA:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:419:ALA:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:419:ALA:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:419:ALA:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:420:GLU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:420:GLU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:420:GLU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:420:GLU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE1	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:421:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:423:ALA:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:423:ALA:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:423:ALA:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:423:ALA:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:424:SER:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:424:SER:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:424:SER:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:424:SER:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:424:SER:HG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:424:SER:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:424:SER:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:424:SER:OG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:425:LEU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:425:LEU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:425:LEU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:425:LEU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE1	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:427:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:428:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:429:SER:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:429:SER:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:429:SER:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:429:SER:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:429:SER:HG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:429:SER:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:429:SER:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:H	2:B:429:SER:OG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:394:THR:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:394:THR:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:394:THR:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:394:THR:CG2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:394:THR:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:394:THR:HG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:394:THR:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:394:THR:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:394:THR:OG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:H	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ3	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:NZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:396:LYS:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:397:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:399:MET:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:399:MET:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:399:MET:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:399:MET:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:399:MET:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:399:MET:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:399:MET:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:399:MET:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:399:MET:SD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:400:ASP:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:400:ASP:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:400:ASP:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:400:ASP:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:401:LEU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CG	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:N	2:B:401:LEU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:401:LEU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:401:LEU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:402:GLY:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:402:GLY:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:402:GLY:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:402:GLY:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:402:GLY:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:403:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:404:PRO:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:404:PRO:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:404:PRO:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ3	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:NZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:410:LYS:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CA	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:414:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:415:THR:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:415:THR:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:415:THR:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:415:THR:CG2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:415:THR:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:415:THR:HG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:415:THR:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:415:THR:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:415:THR:OG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:417:GLY:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:417:GLY:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:417:GLY:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:417:GLY:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:417:GLY:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:ND2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:418:ASN:OD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:419:ALA:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:419:ALA:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:419:ALA:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:419:ALA:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:420:GLU:C	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:420:GLU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:420:GLU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:420:GLU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:421:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:423:ALA:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:423:ALA:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:423:ALA:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:423:ALA:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:424:SER:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:424:SER:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:424:SER:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:424:SER:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:424:SER:HG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:424:SER:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:424:SER:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:424:SER:OG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:425:LEU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:425:LEU:H	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:N	2:B:425:LEU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:425:LEU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:427:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:428:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:429:SER:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:429:SER:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:429:SER:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:429:SER:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:429:SER:HG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:429:SER:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:429:SER:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:N	2:B:429:SER:OG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:394:THR:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:394:THR:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:394:THR:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:394:THR:CG2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:394:THR:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:394:THR:HG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:394:THR:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:394:THR:O	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:O	2:B:394:THR:OG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ3	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:NZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:396:LYS:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:397:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:399:MET:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:399:MET:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:399:MET:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:399:MET:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:399:MET:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:399:MET:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:399:MET:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:399:MET:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:399:MET:SD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:400:ASP:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:400:ASP:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:400:ASP:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:400:ASP:O	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:401:LEU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:401:LEU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:401:LEU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:401:LEU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:402:GLY:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:402:GLY:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:402:GLY:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:402:GLY:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:402:GLY:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:403:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:404:PRO:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:404:PRO:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:404:PRO:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CE	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:H	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ3	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:NZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:410:LYS:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:414:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:415:THR:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:415:THR:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:415:THR:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:415:THR:CG2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:415:THR:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:415:THR:HG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:415:THR:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:415:THR:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:415:THR:OG1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:417:GLY:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:417:GLY:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:417:GLY:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:417:GLY:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:417:GLY:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:418:ASN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:418:ASN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:418:ASN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:418:ASN:ND2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:418:ASN:O	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:O	2:B:418:ASN:OD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:419:ALA:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:419:ALA:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:419:ALA:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:419:ALA:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:420:GLU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:420:GLU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:420:GLU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:420:GLU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:421:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:423:ALA:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:423:ALA:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:423:ALA:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:423:ALA:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:424:SER:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:424:SER:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:424:SER:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:424:SER:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:424:SER:HG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:424:SER:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:424:SER:O	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,3)	1:A:10:GLY:O	2:B:424:SER:OG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:425:LEU:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:425:LEU:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:425:LEU:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:425:LEU:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CZ	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:427:PHE:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CD	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE21	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE22	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:NE2	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:428:GLN:OE1	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:429:SER:C	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:429:SER:CA	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:429:SER:CB	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:429:SER:H	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:429:SER:HG	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:429:SER:N	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:429:SER:O	6	0.62	0.5	0.48
(1,3)	1:A:10:GLY:O	2:B:429:SER:OG	6	0.62	0.5	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:C	2:B:394:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:394:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:394:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:394:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:394:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:394:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:394:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:394:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:394:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:396:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:397:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:399:MET:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:399:MET:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:399:MET:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:399:MET:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:399:MET:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:399:MET:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:399:MET:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:399:MET:O	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:C	2:B:399:MET:SD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:400:ASP:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:400:ASP:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:400:ASP:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:400:ASP:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:401:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:401:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:401:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:401:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:402:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:402:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:402:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:402:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:402:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:403:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:404:PRO:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:404:PRO:N	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:C	2:B:404:PRO:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:410:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:414:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:415:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:415:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:415:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:415:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:415:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:415:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:415:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:415:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:415:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:417:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:417:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:417:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:417:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:417:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:418:ASN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CA	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:418:ASN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:418:ASN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:418:ASN:ND2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:418:ASN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:418:ASN:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:419:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:419:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:419:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:419:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:420:GLU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:420:GLU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:420:GLU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:420:GLU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:421:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:423:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:423:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:423:ALA:N	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:C	2:B:423:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:424:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:424:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:424:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:424:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:424:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:424:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:424:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:424:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:425:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:425:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:425:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:425:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:427:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:428:GLN:OE1	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:C	2:B:429:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:429:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:429:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:429:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:429:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:429:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:429:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:C	2:B:429:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:394:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:394:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:394:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:394:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:394:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:394:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:OE1	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CA	2:B:399:MET:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:399:MET:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:399:MET:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:399:MET:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:399:MET:SD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:H	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:415:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:415:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:415:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:415:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:415:THR:O	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CA	2:B:415:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:ND2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CZ	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:424:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:424:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:424:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:424:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:424:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:424:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CD	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:429:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:429:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:429:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:429:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:429:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CA	2:B:429:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:394:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:394:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:394:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:394:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:394:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:394:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CD	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:399:MET:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:399:MET:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:399:MET:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:399:MET:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:399:MET:SD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CA	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:OE1	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CB	2:B:415:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:415:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:415:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:415:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:415:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:415:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:ND2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:C	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:424:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:424:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:424:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:424:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:424:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:424:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CG	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:429:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:429:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:429:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:429:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:429:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CB	2:B:429:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ2	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:SD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:N	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CD	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:ND2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CB	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:O	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:C	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:SD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD2	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ2	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:ND2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:C	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:C	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:394:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CA	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:394:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:394:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:394:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:394:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:394:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:399:MET:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:399:MET:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:399:MET:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:399:MET:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:399:MET:SD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:C	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:C	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:415:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:415:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:415:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:415:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:415:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:415:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CG	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:ND2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:424:SER:C	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:424:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:424:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:424:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:424:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:424:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:429:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CA	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:429:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:429:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:429:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:429:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:CG	2:B:429:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:394:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:394:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:394:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:394:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:394:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:394:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:394:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:394:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:394:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:396:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:397:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:399:MET:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:399:MET:CA	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:H	2:B:399:MET:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:399:MET:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:399:MET:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:399:MET:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:399:MET:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:399:MET:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:399:MET:SD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:400:ASP:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:400:ASP:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:400:ASP:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:400:ASP:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:401:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:401:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:401:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:401:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:402:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:402:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:402:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:402:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:402:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:403:PHE:O	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:H	2:B:404:PRO:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:404:PRO:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:404:PRO:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:410:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:414:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:415:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:415:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:415:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:415:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:415:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:415:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:415:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:415:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:415:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:417:GLY:C	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:H	2:B:417:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:417:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:417:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:417:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:ND2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:418:ASN:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:419:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:419:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:419:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:419:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:420:GLU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:420:GLU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:420:GLU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:420:GLU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:421:PHE:N	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:H	2:B:421:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:423:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:423:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:423:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:423:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:424:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:424:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:424:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:424:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:424:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:424:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:424:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:424:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:425:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:425:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:425:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:425:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:427:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:H	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:428:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:429:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:429:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:429:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:429:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:429:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:429:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:429:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:H	2:B:429:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:394:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:394:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:394:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:394:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:394:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:394:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:394:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:394:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:394:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:396:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:H	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:397:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:399:MET:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:399:MET:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:399:MET:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:399:MET:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:399:MET:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:399:MET:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:399:MET:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:399:MET:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:399:MET:SD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:400:ASP:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:400:ASP:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:400:ASP:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:400:ASP:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:401:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:401:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:401:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:401:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:402:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:402:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:402:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:402:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:402:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD1	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:403:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:404:PRO:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:404:PRO:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:404:PRO:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:410:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:414:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:415:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:415:THR:CA	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:N	2:B:415:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:415:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:415:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:415:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:415:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:415:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:415:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:417:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:417:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:417:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:417:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:417:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:ND2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:418:ASN:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:419:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:419:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:419:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:419:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:420:GLU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:420:GLU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:420:GLU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:420:GLU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CB	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:421:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:423:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:423:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:423:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:423:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:424:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:424:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:424:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:424:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:424:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:424:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:424:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:424:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:425:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:425:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:425:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:425:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:H	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:N	2:B:427:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:427:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:428:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:429:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:429:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:429:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:429:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:429:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:429:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:429:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:N	2:B:429:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:394:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:394:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:394:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:394:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:394:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:394:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:394:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:394:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:394:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:N	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:O	2:B:396:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:396:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:397:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:399:MET:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:399:MET:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:399:MET:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:399:MET:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:399:MET:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:399:MET:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:399:MET:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:399:MET:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:399:MET:SD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:400:ASP:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:400:ASP:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:400:ASP:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:400:ASP:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:401:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:401:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:401:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:401:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:402:GLY:C	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:O	2:B:402:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:402:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:402:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:402:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:403:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:404:PRO:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:404:PRO:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:404:PRO:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CE	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ3	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:NZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:410:LYS:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:H	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:414:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:415:THR:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:415:THR:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:415:THR:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:415:THR:CG2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:415:THR:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:415:THR:HG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:415:THR:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:415:THR:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:415:THR:OG1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:417:GLY:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:417:GLY:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:417:GLY:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:417:GLY:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:417:GLY:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:ND2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:418:ASN:OD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:419:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:419:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:419:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:419:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:420:GLU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CG	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:O	2:B:420:GLU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:420:GLU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:420:GLU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:421:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:423:ALA:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:423:ALA:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:423:ALA:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:423:ALA:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:424:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:424:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:424:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:424:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:424:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:424:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:424:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:424:SER:OG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:425:LEU:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:425:LEU:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:425:LEU:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:425:LEU:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CA	6	0.24	0.08	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CZ	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:427:PHE:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CD	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE21	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE22	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:NE2	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:428:GLN:OE1	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:429:SER:C	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:429:SER:CA	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:429:SER:CB	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:429:SER:H	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:429:SER:HG	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:429:SER:N	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:429:SER:O	6	0.24	0.08	0.22
(1,2)	1:A:8:LEU:O	2:B:429:SER:OG	6	0.24	0.08	0.22
(1,6)	1:A:47:GLY:C	2:B:394:THR:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:CG2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:HG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:OG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CB	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ3	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:NZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:SD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CA	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:402:GLY:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:402:GLY:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:402:GLY:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:402:GLY:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:402:GLY:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ3	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:N	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:C	2:B:410:LYS:NZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:CG2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:HG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:OG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:417:GLY:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:417:GLY:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:417:GLY:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:417:GLY:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:417:GLY:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:ND2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:OD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CB	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:C	2:B:419:ALA:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:HG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:OG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CB	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:HG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:OG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CG2	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:CA	2:B:394:THR:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:HG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:OG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ3	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:NZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:SD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CB	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CB	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ3	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:NZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CG2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:HG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:OG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD21	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:ND2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:OD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CB	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:CA	2:B:424:SER:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:HG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:OG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:H	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:CA	2:B:429:SER:HG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:OG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:CG2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:HG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:OG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ3	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:NZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:CE	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:H	2:B:399:MET:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:SD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:402:GLY:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:402:GLY:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:402:GLY:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:402:GLY:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:402:GLY:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CA	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ3	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:NZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:CG2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:HG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:OG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:417:GLY:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:417:GLY:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:417:GLY:H	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:H	2:B:417:GLY:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:417:GLY:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:ND2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:OD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:C	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:HG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:OG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE22	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:H	2:B:428:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:HG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:OG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:CG2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:HG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:OG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ3	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:NZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE22	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:N	2:B:397:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:SD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:402:GLY:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:402:GLY:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:402:GLY:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:402:GLY:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:402:GLY:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE1	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ3	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:NZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:CG2	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:N	2:B:415:THR:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:HG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:OG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:417:GLY:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:417:GLY:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:417:GLY:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:417:GLY:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:417:GLY:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:ND2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:OD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD2	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:HG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:OG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:O	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:N	2:B:428:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:HG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:OG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:CG2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:HG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:OG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ3	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:NZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:O	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:O	2:B:397:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:SD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:402:GLY:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:402:GLY:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:402:GLY:H	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:O	2:B:402:GLY:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:402:GLY:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CE	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ3	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:NZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE22	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:O	2:B:414:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:CG2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:HG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:OG1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:417:GLY:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:417:GLY:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:417:GLY:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:417:GLY:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:417:GLY:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:ND2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:OD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:N	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:O	2:B:420:GLU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:HG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:OG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD1	6	0.23	0.14	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CZ	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CD	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE21	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE22	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:NE2	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:OE1	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:C	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:CA	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:CB	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:H	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:HG	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:N	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:O	6	0.23	0.14	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:OG	6	0.23	0.14	0.16
(1,8)	1:A:49:GLN:C	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CE	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD1	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:O	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:C	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:N	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:C	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD2	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:HG1	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CA	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:H	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CE	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:N	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:HG	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CA	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:N	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CA	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:H	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CB	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CD	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:O	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CB	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:NE2	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:NE2	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CG	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:HG1	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CD	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE2	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CA	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CA	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:O	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:NE2	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE1	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE1	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:H	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CG	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:H	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CA	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:C	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:H	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:H	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:O	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:O	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:H	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:O	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:O	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:OG	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:O	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:N	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CA	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:N	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:OE1	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:OE1	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:N	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:H	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:N	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:O	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:N	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CZ	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:N	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CD	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CD	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CA	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:OE1	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:C	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CG	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ2	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:N	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:O	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CD	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CB	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:O	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:O	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:C	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:SD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD2	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CE	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ2	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ3	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:NZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CG2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:HG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:OG1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:ND2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:OD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:C	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:OG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:C	5	0.46	0.36	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CZ	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CD	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE21	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE22	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:NE2	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:OE1	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:C	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CA	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CB	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:H	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:HG	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:N	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:O	5	0.46	0.36	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:OG	5	0.46	0.36	0.37
(1,20)	2:B:428:GLN:C	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CA	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:C	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:10:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:C	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:HE21	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:C	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:C	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:47:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:C	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CE2	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:C	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CA	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:C	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CA	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CB	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CD2	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CA	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:HE21	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CD2	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:H	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:H	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ1	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CE	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CA	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:OD1	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CD1	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH21	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:H	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CG2	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:H	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:10:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:CG2	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:H	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:H	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:47:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:H	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:H	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:CB	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:H	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:H	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:76:GLY:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:H	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:H	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CD1	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CA	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:NZ	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:OG1	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CA	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:HE21	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CE2	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CA	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:N	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:10:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CB	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CD2	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:47:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:N	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:N	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:N	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:N	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:N	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CA	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:HE21	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CD2	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:H	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:H	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ1	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:10:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CE	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:O	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:O	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:47:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CA	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:OD1	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:O	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CD1	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH21	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:O	1:A:76:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:N	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CG	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:H	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ3	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:NZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:HE21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:HE22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:O	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:OE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:OE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:OD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:HH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:OH	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:HD21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:HD22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:ND2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:OD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CG2	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:HG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:OG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CE1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:HE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:ND1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:NE2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CG1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CG2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:C	3	0.25	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CD1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CD2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CB	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CD	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CG	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CZ	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH11	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH12	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH21	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH22	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NE	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NH1	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NH2	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:O	3	0.25	0.04	0.26

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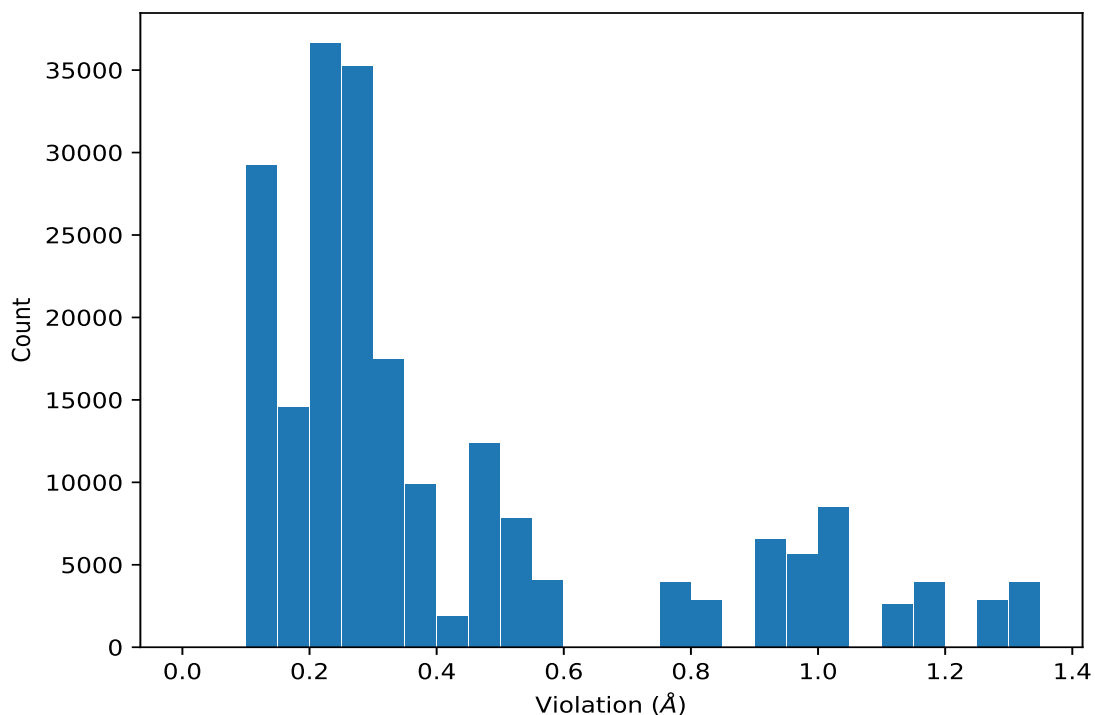
Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:O	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:C	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:CA	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:H	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:N	3	0.25	0.04	0.26
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:O	3	0.25	0.04	0.26

¹Number of violated models, ²Standard deviation

9.5 All violated distance restraints [i](#)

9.5.1 Histogram : Distribution of distance violations [i](#)

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



9.5.2 Table : All distance violations [i](#)

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:394:THR:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:394:THR:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:394:THR:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:394:THR:CG2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:394:THR:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:394:THR:HG1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:394:THR:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:394:THR:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:394:THR:OG1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CD	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CE	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ3	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:NZ	9	1.35
(1,3)	1:A:10:GLY:C	2:B:396:LYS:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:397:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:399:MET:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:399:MET:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:399:MET:CB	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:399:MET:CE	9	1.35
(1,3)	1:A:10:GLY:C	2:B:399:MET:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:399:MET:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:399:MET:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:399:MET:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:399:MET:SD	9	1.35
(1,3)	1:A:10:GLY:C	2:B:400:ASP:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:400:ASP:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:400:ASP:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:400:ASP:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:401:LEU:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:401:LEU:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:401:LEU:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:401:LEU:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:402:GLY:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:402:GLY:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:402:GLY:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:402:GLY:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:402:GLY:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:403:PHE:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:404:PRO:C	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CD	9	1.35
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:404:PRO:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:404:PRO:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CD	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CE	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ3	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:NZ	9	1.35
(1,3)	1:A:10:GLY:C	2:B:410:LYS:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:414:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:415:THR:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:415:THR:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:415:THR:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:415:THR:CG2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:415:THR:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:415:THR:HG1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:415:THR:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:415:THR:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:415:THR:OG1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:417:GLY:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:417:GLY:CA	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:417:GLY:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:417:GLY:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:417:GLY:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD21	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD22	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:ND2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:418:ASN:OD1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:419:ALA:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:419:ALA:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:419:ALA:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:419:ALA:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:420:GLU:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CD	9	1.35
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:420:GLU:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:420:GLU:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:420:GLU:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:421:PHE:O	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:423:ALA:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:423:ALA:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:423:ALA:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:423:ALA:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:424:SER:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:424:SER:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:424:SER:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:424:SER:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:424:SER:HG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:424:SER:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:424:SER:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:424:SER:OG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:425:LEU:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:425:LEU:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:425:LEU:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:425:LEU:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:427:PHE:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE21	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:428:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:C	2:B:429:SER:C	9	1.35
(1,3)	1:A:10:GLY:C	2:B:429:SER:CA	9	1.35
(1,3)	1:A:10:GLY:C	2:B:429:SER:CB	9	1.35
(1,3)	1:A:10:GLY:C	2:B:429:SER:H	9	1.35
(1,3)	1:A:10:GLY:C	2:B:429:SER:HG	9	1.35
(1,3)	1:A:10:GLY:C	2:B:429:SER:N	9	1.35
(1,3)	1:A:10:GLY:C	2:B:429:SER:O	9	1.35
(1,3)	1:A:10:GLY:C	2:B:429:SER:OG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:394:THR:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CG2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:394:THR:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:394:THR:HG1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:394:THR:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:394:THR:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:394:THR:OG1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CD	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CE	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ3	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:NZ	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE21	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:399:MET:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CE	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:399:MET:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:399:MET:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:399:MET:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:399:MET:SD	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD2	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CD	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CD	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CE	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ3	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:NZ	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:415:THR:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CB	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CG2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:415:THR:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:415:THR:HG1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:415:THR:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:415:THR:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:415:THR:OG1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD21	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD22	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:ND2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:OD1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CD	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD1	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:424:SER:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:424:SER:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:424:SER:HG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:424:SER:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:424:SER:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:424:SER:OG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:N	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:429:SER:C	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CA	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CB	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:429:SER:H	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:429:SER:HG	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:429:SER:N	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:429:SER:O	9	1.35
(1,3)	1:A:10:GLY:CA	2:B:429:SER:OG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:394:THR:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:394:THR:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:394:THR:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:394:THR:CG2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:394:THR:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:394:THR:HG1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:394:THR:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:394:THR:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:394:THR:OG1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CD	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CE	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ3	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:396:LYS:NZ	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:396:LYS:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:397:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:399:MET:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:399:MET:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:399:MET:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:399:MET:CE	9	1.35
(1,3)	1:A:10:GLY:H	2:B:399:MET:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:399:MET:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:399:MET:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:399:MET:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:399:MET:SD	9	1.35
(1,3)	1:A:10:GLY:H	2:B:400:ASP:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:400:ASP:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:400:ASP:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:400:ASP:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:401:LEU:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:401:LEU:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:401:LEU:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:401:LEU:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:402:GLY:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:402:GLY:CA	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:402:GLY:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:402:GLY:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:402:GLY:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:403:PHE:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:404:PRO:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CD	9	1.35
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:404:PRO:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:404:PRO:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CD	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CE	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ3	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:NZ	9	1.35
(1,3)	1:A:10:GLY:H	2:B:410:LYS:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE21	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:414:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:415:THR:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:415:THR:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:415:THR:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:415:THR:CG2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:415:THR:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:415:THR:HG1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:415:THR:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:415:THR:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:415:THR:OG1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:417:GLY:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:417:GLY:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:417:GLY:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:417:GLY:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:417:GLY:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD21	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD22	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:ND2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:418:ASN:OD1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:419:ALA:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:419:ALA:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:419:ALA:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:419:ALA:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:420:GLU:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CD	9	1.35
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:420:GLU:H	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:420:GLU:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:420:GLU:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:421:PHE:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:423:ALA:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:423:ALA:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:423:ALA:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:423:ALA:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:424:SER:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:424:SER:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:424:SER:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:424:SER:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:424:SER:HG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:424:SER:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:424:SER:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:424:SER:OG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:425:LEU:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:425:LEU:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:425:LEU:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:425:LEU:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CB	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:427:PHE:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:428:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:H	2:B:429:SER:C	9	1.35
(1,3)	1:A:10:GLY:H	2:B:429:SER:CA	9	1.35
(1,3)	1:A:10:GLY:H	2:B:429:SER:CB	9	1.35
(1,3)	1:A:10:GLY:H	2:B:429:SER:H	9	1.35
(1,3)	1:A:10:GLY:H	2:B:429:SER:HG	9	1.35
(1,3)	1:A:10:GLY:H	2:B:429:SER:N	9	1.35
(1,3)	1:A:10:GLY:H	2:B:429:SER:O	9	1.35
(1,3)	1:A:10:GLY:H	2:B:429:SER:OG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:394:THR:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:394:THR:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:394:THR:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:394:THR:CG2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:394:THR:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:394:THR:HG1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:394:THR:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:394:THR:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:394:THR:OG1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CD	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CE	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ3	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:NZ	9	1.35
(1,3)	1:A:10:GLY:N	2:B:396:LYS:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:397:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:399:MET:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:399:MET:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:399:MET:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:399:MET:CE	9	1.35
(1,3)	1:A:10:GLY:N	2:B:399:MET:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:399:MET:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:399:MET:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:399:MET:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:399:MET:SD	9	1.35
(1,3)	1:A:10:GLY:N	2:B:400:ASP:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:400:ASP:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:400:ASP:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:400:ASP:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:401:LEU:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CB	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:401:LEU:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:401:LEU:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:401:LEU:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:402:GLY:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:402:GLY:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:402:GLY:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:402:GLY:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:402:GLY:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:403:PHE:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:404:PRO:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CD	9	1.35
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:404:PRO:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:404:PRO:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CD	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CE	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ3	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:410:LYS:NZ	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:410:LYS:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:414:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:415:THR:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:415:THR:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:415:THR:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:415:THR:CG2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:415:THR:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:415:THR:HG1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:415:THR:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:415:THR:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:415:THR:OG1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:417:GLY:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:417:GLY:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:417:GLY:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:417:GLY:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:417:GLY:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD21	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD22	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:ND2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:418:ASN:OD1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:419:ALA:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:419:ALA:H	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:419:ALA:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:419:ALA:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:420:GLU:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CD	9	1.35
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:420:GLU:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:420:GLU:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:420:GLU:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:421:PHE:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:423:ALA:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:423:ALA:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:423:ALA:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:423:ALA:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:424:SER:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:424:SER:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:424:SER:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:424:SER:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:424:SER:HG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:424:SER:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:424:SER:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:424:SER:OG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:425:LEU:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD1	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:425:LEU:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:425:LEU:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:425:LEU:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:427:PHE:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:428:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:N	2:B:429:SER:C	9	1.35
(1,3)	1:A:10:GLY:N	2:B:429:SER:CA	9	1.35
(1,3)	1:A:10:GLY:N	2:B:429:SER:CB	9	1.35
(1,3)	1:A:10:GLY:N	2:B:429:SER:H	9	1.35
(1,3)	1:A:10:GLY:N	2:B:429:SER:HG	9	1.35
(1,3)	1:A:10:GLY:N	2:B:429:SER:N	9	1.35
(1,3)	1:A:10:GLY:N	2:B:429:SER:O	9	1.35
(1,3)	1:A:10:GLY:N	2:B:429:SER:OG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:394:THR:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:394:THR:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:394:THR:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:394:THR:CG2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:394:THR:H	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:394:THR:HG1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:394:THR:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:394:THR:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:394:THR:OG1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CD	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CE	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ3	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:NZ	9	1.35
(1,3)	1:A:10:GLY:O	2:B:396:LYS:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:397:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:399:MET:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:399:MET:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:399:MET:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:399:MET:CE	9	1.35
(1,3)	1:A:10:GLY:O	2:B:399:MET:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:399:MET:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:399:MET:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:399:MET:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:399:MET:SD	9	1.35
(1,3)	1:A:10:GLY:O	2:B:400:ASP:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CG	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:400:ASP:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:400:ASP:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:400:ASP:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:401:LEU:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:401:LEU:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:401:LEU:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:401:LEU:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:402:GLY:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:402:GLY:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:402:GLY:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:402:GLY:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:402:GLY:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:403:PHE:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:404:PRO:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CD	9	1.35
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:404:PRO:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:404:PRO:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CD	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CE	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ3	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:NZ	9	1.35
(1,3)	1:A:10:GLY:O	2:B:410:LYS:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:414:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:415:THR:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:415:THR:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:415:THR:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:415:THR:CG2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:415:THR:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:415:THR:HG1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:415:THR:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:415:THR:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:415:THR:OG1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:417:GLY:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:417:GLY:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:417:GLY:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:417:GLY:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:417:GLY:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:418:ASN:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:418:ASN:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD21	9	1.35
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD22	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:418:ASN:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:418:ASN:ND2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:418:ASN:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:418:ASN:OD1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:419:ALA:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:419:ALA:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:419:ALA:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:419:ALA:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:420:GLU:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CD	9	1.35
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:420:GLU:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:420:GLU:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:420:GLU:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:421:PHE:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:423:ALA:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:423:ALA:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:423:ALA:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:423:ALA:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:424:SER:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:424:SER:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:424:SER:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:424:SER:H	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:424:SER:HG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:424:SER:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:424:SER:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:424:SER:OG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:425:LEU:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:425:LEU:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:425:LEU:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:425:LEU:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CZ	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:427:PHE:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CD	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CG	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE21	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE22	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:NE2	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:428:GLN:OE1	9	1.35
(1,3)	1:A:10:GLY:O	2:B:429:SER:C	9	1.35
(1,3)	1:A:10:GLY:O	2:B:429:SER:CA	9	1.35
(1,3)	1:A:10:GLY:O	2:B:429:SER:CB	9	1.35
(1,3)	1:A:10:GLY:O	2:B:429:SER:H	9	1.35
(1,3)	1:A:10:GLY:O	2:B:429:SER:HG	9	1.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:429:SER:N	9	1.35
(1,3)	1:A:10:GLY:O	2:B:429:SER:O	9	1.35
(1,3)	1:A:10:GLY:O	2:B:429:SER:OG	9	1.35
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	2	1.32
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	2	1.32
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	2	1.32
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	2	1.32
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	2	1.32
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	2	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	2	1.32
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	2	1.32
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	2	1.32
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	2	1.32
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	2	1.32
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	2	1.32
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	2	1.32
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	2	1.32
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	2	1.32
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	7	1.27
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	7	1.27
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	7	1.27
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	7	1.27
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	7	1.27
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	7	1.27
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	7	1.27
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	7	1.27
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	7	1.27
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	7	1.27
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	7	1.27
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	7	1.27
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	7	1.27
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	7	1.27
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	7	1.27
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	7	1.27
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	7	1.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	7	1.27
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	4	1.18
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	4	1.18
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	4	1.18
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	4	1.18
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	4	1.18
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	4	1.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	4	1.18
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	4	1.18
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	4	1.18
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	4	1.18
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	4	1.18
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	4	1.18
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	4	1.18
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	4	1.18
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	4	1.18
(1,3)	1:A:10:GLY:C	2:B:394:THR:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:394:THR:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:394:THR:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:394:THR:CG2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:394:THR:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:394:THR:HG1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:394:THR:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:394:THR:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:394:THR:OG1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CD	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CE	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ3	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:396:LYS:NZ	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:396:LYS:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:397:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:399:MET:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:399:MET:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:399:MET:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:399:MET:CE	10	1.16
(1,3)	1:A:10:GLY:C	2:B:399:MET:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:399:MET:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:399:MET:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:399:MET:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:399:MET:SD	10	1.16
(1,3)	1:A:10:GLY:C	2:B:400:ASP:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:400:ASP:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:400:ASP:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:400:ASP:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:401:LEU:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:401:LEU:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:401:LEU:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:401:LEU:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:402:GLY:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:402:GLY:CA	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:402:GLY:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:402:GLY:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:402:GLY:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:403:PHE:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:404:PRO:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CD	10	1.16
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:404:PRO:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:404:PRO:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CD	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CE	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ3	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:NZ	10	1.16
(1,3)	1:A:10:GLY:C	2:B:410:LYS:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE21	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:414:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:415:THR:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:415:THR:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:415:THR:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:415:THR:CG2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:415:THR:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:415:THR:HG1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:415:THR:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:415:THR:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:415:THR:OG1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:417:GLY:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:417:GLY:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:417:GLY:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:417:GLY:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:417:GLY:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD21	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD22	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:ND2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:418:ASN:OD1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:419:ALA:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:419:ALA:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:419:ALA:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:419:ALA:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:420:GLU:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CD	10	1.16
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:420:GLU:H	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:420:GLU:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:420:GLU:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:421:PHE:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:423:ALA:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:423:ALA:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:423:ALA:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:423:ALA:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:424:SER:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:424:SER:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:424:SER:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:424:SER:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:424:SER:HG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:424:SER:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:424:SER:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:424:SER:OG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:425:LEU:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:425:LEU:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:425:LEU:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:425:LEU:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CB	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:427:PHE:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:428:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:C	2:B:429:SER:C	10	1.16
(1,3)	1:A:10:GLY:C	2:B:429:SER:CA	10	1.16
(1,3)	1:A:10:GLY:C	2:B:429:SER:CB	10	1.16
(1,3)	1:A:10:GLY:C	2:B:429:SER:H	10	1.16
(1,3)	1:A:10:GLY:C	2:B:429:SER:HG	10	1.16
(1,3)	1:A:10:GLY:C	2:B:429:SER:N	10	1.16
(1,3)	1:A:10:GLY:C	2:B:429:SER:O	10	1.16
(1,3)	1:A:10:GLY:C	2:B:429:SER:OG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:394:THR:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CG2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:394:THR:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:394:THR:HG1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:394:THR:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:394:THR:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:394:THR:OG1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CD	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CE	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ3	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:NZ	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:399:MET:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CE	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:399:MET:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:399:MET:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:399:MET:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:399:MET:SD	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CB	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CD	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CD	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CE	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ3	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:NZ	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:415:THR:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CG2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:415:THR:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:415:THR:HG1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:415:THR:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:415:THR:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:415:THR:OG1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD21	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD22	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:ND2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:OD1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:H	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CD	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:424:SER:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:424:SER:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:424:SER:HG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:424:SER:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:424:SER:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:424:SER:OG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD1	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:429:SER:C	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CA	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CB	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:429:SER:H	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:429:SER:HG	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:429:SER:N	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:429:SER:O	10	1.16
(1,3)	1:A:10:GLY:CA	2:B:429:SER:OG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:394:THR:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:394:THR:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:394:THR:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:394:THR:CG2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:394:THR:H	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:394:THR:HG1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:394:THR:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:394:THR:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:394:THR:OG1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CD	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CE	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ3	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:NZ	10	1.16
(1,3)	1:A:10:GLY:H	2:B:396:LYS:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:397:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:399:MET:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:399:MET:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:399:MET:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:399:MET:CE	10	1.16
(1,3)	1:A:10:GLY:H	2:B:399:MET:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:399:MET:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:399:MET:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:399:MET:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:399:MET:SD	10	1.16
(1,3)	1:A:10:GLY:H	2:B:400:ASP:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CG	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:400:ASP:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:400:ASP:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:400:ASP:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:401:LEU:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:401:LEU:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:401:LEU:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:401:LEU:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:402:GLY:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:402:GLY:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:402:GLY:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:402:GLY:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:402:GLY:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:403:PHE:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:404:PRO:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CD	10	1.16
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:404:PRO:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:404:PRO:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CD	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CE	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ3	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:NZ	10	1.16
(1,3)	1:A:10:GLY:H	2:B:410:LYS:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:414:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:415:THR:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:415:THR:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:415:THR:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:415:THR:CG2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:415:THR:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:415:THR:HG1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:415:THR:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:415:THR:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:415:THR:OG1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:417:GLY:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:417:GLY:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:417:GLY:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:417:GLY:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:417:GLY:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:418:ASN:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:418:ASN:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD21	10	1.16
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD22	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:418:ASN:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:418:ASN:ND2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:418:ASN:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:418:ASN:OD1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:419:ALA:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:419:ALA:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:419:ALA:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:419:ALA:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:420:GLU:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CD	10	1.16
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:420:GLU:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:420:GLU:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:420:GLU:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:421:PHE:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:423:ALA:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:423:ALA:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:423:ALA:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:423:ALA:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:424:SER:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:424:SER:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:424:SER:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:424:SER:H	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:424:SER:HG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:424:SER:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:424:SER:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:424:SER:OG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:425:LEU:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:425:LEU:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:425:LEU:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:425:LEU:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:427:PHE:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:428:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:H	2:B:429:SER:C	10	1.16
(1,3)	1:A:10:GLY:H	2:B:429:SER:CA	10	1.16
(1,3)	1:A:10:GLY:H	2:B:429:SER:CB	10	1.16
(1,3)	1:A:10:GLY:H	2:B:429:SER:H	10	1.16
(1,3)	1:A:10:GLY:H	2:B:429:SER:HG	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:429:SER:N	10	1.16
(1,3)	1:A:10:GLY:H	2:B:429:SER:O	10	1.16
(1,3)	1:A:10:GLY:H	2:B:429:SER:OG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:394:THR:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:394:THR:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:394:THR:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:394:THR:CG2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:394:THR:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:394:THR:HG1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:394:THR:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:394:THR:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:394:THR:OG1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CD	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CE	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ3	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:NZ	10	1.16
(1,3)	1:A:10:GLY:N	2:B:396:LYS:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:397:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:399:MET:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:399:MET:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:399:MET:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:399:MET:CE	10	1.16
(1,3)	1:A:10:GLY:N	2:B:399:MET:CG	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:399:MET:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:399:MET:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:399:MET:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:399:MET:SD	10	1.16
(1,3)	1:A:10:GLY:N	2:B:400:ASP:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:400:ASP:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:400:ASP:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:400:ASP:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:401:LEU:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:401:LEU:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:401:LEU:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:401:LEU:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:402:GLY:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:402:GLY:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:402:GLY:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:402:GLY:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:402:GLY:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:403:PHE:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:404:PRO:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CB	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CD	10	1.16
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:404:PRO:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:404:PRO:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CD	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CE	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ3	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:NZ	10	1.16
(1,3)	1:A:10:GLY:N	2:B:410:LYS:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:414:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:415:THR:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:415:THR:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:415:THR:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:415:THR:CG2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:415:THR:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:415:THR:HG1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:415:THR:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:415:THR:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:415:THR:OG1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:417:GLY:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:417:GLY:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:417:GLY:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:417:GLY:N	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:417:GLY:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD21	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD22	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:ND2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:418:ASN:OD1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:419:ALA:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:419:ALA:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:419:ALA:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:419:ALA:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:420:GLU:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CD	10	1.16
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:420:GLU:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:420:GLU:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:420:GLU:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:421:PHE:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:423:ALA:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CA	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:423:ALA:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:423:ALA:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:423:ALA:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:424:SER:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:424:SER:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:424:SER:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:424:SER:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:424:SER:HG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:424:SER:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:424:SER:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:424:SER:OG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:425:LEU:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:425:LEU:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:425:LEU:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:425:LEU:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:427:PHE:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:N	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:428:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:428:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:N	2:B:429:SER:C	10	1.16
(1,3)	1:A:10:GLY:N	2:B:429:SER:CA	10	1.16
(1,3)	1:A:10:GLY:N	2:B:429:SER:CB	10	1.16
(1,3)	1:A:10:GLY:N	2:B:429:SER:H	10	1.16
(1,3)	1:A:10:GLY:N	2:B:429:SER:HG	10	1.16
(1,3)	1:A:10:GLY:N	2:B:429:SER:N	10	1.16
(1,3)	1:A:10:GLY:N	2:B:429:SER:O	10	1.16
(1,3)	1:A:10:GLY:N	2:B:429:SER:OG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:394:THR:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:394:THR:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:394:THR:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:394:THR:CG2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:394:THR:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:394:THR:HG1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:394:THR:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:394:THR:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:394:THR:OG1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CD	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CE	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ3	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:NZ	10	1.16
(1,3)	1:A:10:GLY:O	2:B:396:LYS:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:N	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:397:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:397:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:399:MET:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:399:MET:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:399:MET:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:399:MET:CE	10	1.16
(1,3)	1:A:10:GLY:O	2:B:399:MET:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:399:MET:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:399:MET:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:399:MET:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:399:MET:SD	10	1.16
(1,3)	1:A:10:GLY:O	2:B:400:ASP:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:400:ASP:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:400:ASP:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:400:ASP:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:401:LEU:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:401:LEU:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:401:LEU:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:401:LEU:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:402:GLY:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:402:GLY:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:402:GLY:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:402:GLY:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:402:GLY:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE2	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:403:PHE:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:404:PRO:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CD	10	1.16
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:404:PRO:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:404:PRO:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CD	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CE	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ3	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:NZ	10	1.16
(1,3)	1:A:10:GLY:O	2:B:410:LYS:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:414:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:415:THR:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:415:THR:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:415:THR:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:415:THR:CG2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:415:THR:H	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:415:THR:HG1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:415:THR:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:415:THR:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:415:THR:OG1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:417:GLY:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:417:GLY:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:417:GLY:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:417:GLY:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:417:GLY:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD21	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD22	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:ND2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:418:ASN:OD1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:419:ALA:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:419:ALA:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:419:ALA:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:419:ALA:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:420:GLU:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CD	10	1.16
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:420:GLU:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:420:GLU:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:420:GLU:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE1	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:421:PHE:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:423:ALA:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:423:ALA:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:423:ALA:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:423:ALA:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:424:SER:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:424:SER:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:424:SER:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:424:SER:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:424:SER:HG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:424:SER:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:424:SER:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:424:SER:OG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:425:LEU:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:425:LEU:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:425:LEU:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:425:LEU:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CZ	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:427:PHE:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:C	10	1.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CD	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE21	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE22	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:NE2	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:428:GLN:OE1	10	1.16
(1,3)	1:A:10:GLY:O	2:B:429:SER:C	10	1.16
(1,3)	1:A:10:GLY:O	2:B:429:SER:CA	10	1.16
(1,3)	1:A:10:GLY:O	2:B:429:SER:CB	10	1.16
(1,3)	1:A:10:GLY:O	2:B:429:SER:H	10	1.16
(1,3)	1:A:10:GLY:O	2:B:429:SER:HG	10	1.16
(1,3)	1:A:10:GLY:O	2:B:429:SER:N	10	1.16
(1,3)	1:A:10:GLY:O	2:B:429:SER:O	10	1.16
(1,3)	1:A:10:GLY:O	2:B:429:SER:OG	10	1.16
(1,8)	1:A:49:GLN:C	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:C	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:C	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:C	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:C	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:402:GLY:N	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:C	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:N	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:420:GLU:O	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD2	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:C	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:C	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:C	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:C	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:C	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:C	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:C	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:C	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CG	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD2	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:C	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:O	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CG	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:CA	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:394:THR:N	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:N	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CG	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:ND2	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:424:SER:N	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:CB	2:B:429:SER:O	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:399:MET:N	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CG	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:C	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:H	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:O	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:CD	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:O	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CZ	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:415:THR:N	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CG	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CB	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:CG	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:H	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CB	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:H	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:H	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:C	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:H	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:414:GLN:O	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE2	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE2	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:H	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:H	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:H	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:H	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:H	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:H	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:H	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:H	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ1	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:H	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CB	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CA	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:N	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:OG1	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD1	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ1	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:OD1	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:OG	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:394:THR:C	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:N	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:N	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:399:MET:SD	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:404:PRO:O	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:N	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CB	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:N	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:423:ALA:O	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:N	2:B:429:SER:C	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:N	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:N	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:N	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:N	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:N	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:N	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:C	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:N	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:OG1	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:H	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CG	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:O	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CG	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:O	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:O	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:401:LEU:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CB	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:O	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:415:THR:C	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CD	7	1.13
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CA	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CZ	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:O	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:O	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:O	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:O	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:O	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:O	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:O	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:O	2:B:429:SER:OG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ3	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CE	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:SD	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:O	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CD	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CD	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CE	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ3	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:NZ	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CG	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CG2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:HG1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:OG1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD21	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD22	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:ND2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:OD1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CD	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:HG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:OG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:C	7	1.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CZ	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CD	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE21	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE22	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:NE2	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:OE1	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:C	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CA	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CB	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:H	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:HG	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:N	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:O	7	1.13
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:OG	7	1.13
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	5	1.04
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	5	1.04
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	5	1.04
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	5	1.04
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	5	1.04
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	5	1.04
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	5	1.04
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	5	1.04
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	5	1.04

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	5	1.04
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	5	1.04
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	5	1.04
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	5	1.04
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	5	1.04
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	5	1.04
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	5	1.04
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	5	1.04
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	5	1.04
(1,1)	1:A:6:LYS:C	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:C	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:397:GLN:O	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:C	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:C	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:C	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:CZ	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:C	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:C	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:C	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:415:THR:N	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:C	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:C	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:CG	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:C	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:CB	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:C	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:C	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:C	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:C	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:C	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:C	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:C	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:C	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:C	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:CB	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:C	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:O	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CA	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:420:GLU:OE2	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:CE2	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:CA	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:HZ1	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:401:LEU:H	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CB	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:CB	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:420:GLU:CA	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CB	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:425:LEU:N	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CB	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:CB	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:394:THR:OG1	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:400:ASP:OD1	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CD	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:HZ1	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:418:ASN:OD1	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CD	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:424:SER:OG	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CD	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:CD	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:394:THR:C	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CE	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:399:MET:SD	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CE	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:404:PRO:O	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:CB	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:423:ALA:O	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CE	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:429:SER:C	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CE	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:CE	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:399:MET:C	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CG	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:N	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CG	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:415:THR:OG1	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CG	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:H	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:CG	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:CG	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:H	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:CG	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:H	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:H	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:H	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:CB	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:H	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:H	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:H	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:415:THR:C	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:H	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:H	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:CA	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:H	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:CZ	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:H	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:H	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:H	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:H	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:H	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:H	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:H	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:H	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:H	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:HZ3	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:401:LEU:O	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ1	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:CG	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:420:GLU:CD	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ1	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:C	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:HZ1	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:CA	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:401:LEU:C	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ2	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:HZ3	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:419:ALA:CA	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ2	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:425:LEU:CA	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ2	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:HZ2	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:394:THR:CB	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ3	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:400:ASP:CA	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ3	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:CA	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:H	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:424:SER:CA	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ3	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:429:SER:CB	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:HZ3	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:HZ3	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:N	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:399:MET:CB	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:N	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:N	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:N	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:404:PRO:C	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:N	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:N	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:N	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:417:GLY:CA	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:N	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:N	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:421:PHE:O	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:N	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:HE21	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:N	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:N	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:N	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:N	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:N	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:N	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:N	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:N	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:N	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:HE21	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:402:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:CD2	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:415:THR:CB	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:NZ	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:420:GLU:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:CD1	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:N	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:NZ	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:NZ	2:B:429:SER:OG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:394:THR:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:394:THR:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:394:THR:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:394:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:394:THR:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:394:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:394:THR:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:394:THR:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:394:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:396:LYS:NZ	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:O	2:B:396:LYS:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:397:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:399:MET:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:399:MET:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:399:MET:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:399:MET:CE	9	1.01
(1,1)	1:A:6:LYS:O	2:B:399:MET:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:399:MET:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:399:MET:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:399:MET:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:399:MET:SD	9	1.01
(1,1)	1:A:6:LYS:O	2:B:400:ASP:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:400:ASP:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:400:ASP:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:400:ASP:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:400:ASP:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:400:ASP:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:400:ASP:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:400:ASP:OD1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:400:ASP:OD2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:401:LEU:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:401:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:401:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:401:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:401:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:401:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:401:LEU:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:401:LEU:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:401:LEU:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:402:GLY:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:402:GLY:CA	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:O	2:B:402:GLY:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:402:GLY:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:402:GLY:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:403:PHE:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:404:PRO:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:404:PRO:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:404:PRO:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:404:PRO:CD	9	1.01
(1,1)	1:A:6:LYS:O	2:B:404:PRO:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:404:PRO:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:404:PRO:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:CD	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:CE	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:HZ1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:HZ2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:HZ3	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:NZ	9	1.01
(1,1)	1:A:6:LYS:O	2:B:410:LYS:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:HE21	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:O	2:B:414:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:414:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:415:THR:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:415:THR:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:415:THR:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:415:THR:CG2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:415:THR:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:415:THR:HG1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:415:THR:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:415:THR:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:415:THR:OG1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:417:GLY:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:417:GLY:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:417:GLY:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:417:GLY:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:417:GLY:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:HD21	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:HD22	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:ND2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:418:ASN:OD1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:419:ALA:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:419:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:419:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:419:ALA:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:419:ALA:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:419:ALA:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:420:GLU:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:420:GLU:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:420:GLU:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:420:GLU:CD	9	1.01
(1,1)	1:A:6:LYS:O	2:B:420:GLU:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:420:GLU:H	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:O	2:B:420:GLU:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:420:GLU:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:420:GLU:OE1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:420:GLU:OE2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:421:PHE:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:423:ALA:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:423:ALA:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:423:ALA:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:423:ALA:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:423:ALA:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:423:ALA:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:424:SER:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:424:SER:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:424:SER:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:424:SER:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:424:SER:HG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:424:SER:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:424:SER:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:424:SER:OG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:425:LEU:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:425:LEU:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:425:LEU:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:425:LEU:CD1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:425:LEU:CD2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:425:LEU:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:425:LEU:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:425:LEU:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:425:LEU:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:CB	9	1.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:6:LYS:O	2:B:427:PHE:CD1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:CD2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:CE1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:CE2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:CZ	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:427:PHE:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:CD	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:CG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:HE21	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:HE22	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:NE2	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:428:GLN:OE1	9	1.01
(1,1)	1:A:6:LYS:O	2:B:429:SER:C	9	1.01
(1,1)	1:A:6:LYS:O	2:B:429:SER:CA	9	1.01
(1,1)	1:A:6:LYS:O	2:B:429:SER:CB	9	1.01
(1,1)	1:A:6:LYS:O	2:B:429:SER:H	9	1.01
(1,1)	1:A:6:LYS:O	2:B:429:SER:HG	9	1.01
(1,1)	1:A:6:LYS:O	2:B:429:SER:N	9	1.01
(1,1)	1:A:6:LYS:O	2:B:429:SER:O	9	1.01
(1,1)	1:A:6:LYS:O	2:B:429:SER:OG	9	1.01
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	6	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	6	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	6	1.0
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	6	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	6	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	6	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	6	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	6	1.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	6	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	6	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	6	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	6	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	6	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	6	1.0
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	6	1.0
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	10	0.99
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	10	0.99
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	10	0.99
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	10	0.99
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	10	0.99
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	10	0.99

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	10	0.99
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	10	0.99
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	10	0.99
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	10	0.99
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	10	0.99
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	10	0.99
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	10	0.99
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	10	0.99
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	10	0.99
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	3	0.97
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	3	0.97
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	3	0.97
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	3	0.97
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	3	0.97
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	3	0.97
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	3	0.97
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	3	0.97
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	3	0.97
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	3	0.97
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	3	0.97

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	3	0.97
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	3	0.97
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	3	0.97
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	3	0.97
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	3	0.97
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	1	0.91
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	1	0.91
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	1	0.91
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	1	0.91
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	1	0.91
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	1	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	1	0.91
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	1	0.91
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	1	0.91
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	1	0.91
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	1	0.91
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	1	0.91
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	1	0.91
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	1	0.91
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	1	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	2	0.91
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	2	0.91
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	2	0.91
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	2	0.91
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	2	0.91
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	2	0.91
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	2	0.91
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	2	0.91
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	2	0.91
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	2	0.91
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	2	0.91
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	2	0.91
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	2	0.91
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	2	0.91
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	2	0.91
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	2	0.91
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	2	0.91
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	2	0.91
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	2	0.91
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	2	0.91
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	2	0.91
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	2	0.91
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	2	0.91
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	2	0.91
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	2	0.91
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	2	0.91
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	2	0.91
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	2	0.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	2	0.91
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	2	0.91
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	9	0.82
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	9	0.82
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	9	0.82
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	9	0.82
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	9	0.82
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	9	0.82

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	9	0.82
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	9	0.82
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	9	0.82
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	9	0.82
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	9	0.82
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	9	0.82
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	9	0.82
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	9	0.82
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	9	0.82
(1,3)	1:A:10:GLY:C	2:B:394:THR:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:394:THR:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:394:THR:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:394:THR:CG2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:394:THR:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:394:THR:HG1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:394:THR:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:394:THR:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:394:THR:OG1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CD	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CE	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CG	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:396:LYS:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ3	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:NZ	4	0.78
(1,3)	1:A:10:GLY:C	2:B:396:LYS:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:397:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:399:MET:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:399:MET:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:399:MET:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:399:MET:CE	4	0.78
(1,3)	1:A:10:GLY:C	2:B:399:MET:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:399:MET:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:399:MET:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:399:MET:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:399:MET:SD	4	0.78
(1,3)	1:A:10:GLY:C	2:B:400:ASP:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:400:ASP:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:400:ASP:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:400:ASP:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:401:LEU:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD2	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:401:LEU:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:401:LEU:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:401:LEU:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:402:GLY:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:402:GLY:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:402:GLY:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:402:GLY:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:402:GLY:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:403:PHE:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:404:PRO:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CD	4	0.78
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:404:PRO:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:404:PRO:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CD	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CE	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ3	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:NZ	4	0.78
(1,3)	1:A:10:GLY:C	2:B:410:LYS:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:C	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:414:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:415:THR:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:415:THR:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:415:THR:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:415:THR:CG2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:415:THR:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:415:THR:HG1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:415:THR:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:415:THR:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:415:THR:OG1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:417:GLY:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:417:GLY:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:417:GLY:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:417:GLY:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:417:GLY:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD21	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD22	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:ND2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:418:ASN:OD1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:419:ALA:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:419:ALA:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:419:ALA:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:419:ALA:O	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:420:GLU:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CD	4	0.78
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:420:GLU:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:420:GLU:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:420:GLU:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:421:PHE:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:423:ALA:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:423:ALA:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:423:ALA:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:423:ALA:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:424:SER:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:424:SER:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:424:SER:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:424:SER:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:424:SER:HG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:424:SER:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:424:SER:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:424:SER:OG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:425:LEU:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CG	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:425:LEU:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:425:LEU:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:425:LEU:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:427:PHE:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:428:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:C	2:B:429:SER:C	4	0.78
(1,3)	1:A:10:GLY:C	2:B:429:SER:CA	4	0.78
(1,3)	1:A:10:GLY:C	2:B:429:SER:CB	4	0.78
(1,3)	1:A:10:GLY:C	2:B:429:SER:H	4	0.78
(1,3)	1:A:10:GLY:C	2:B:429:SER:HG	4	0.78
(1,3)	1:A:10:GLY:C	2:B:429:SER:N	4	0.78
(1,3)	1:A:10:GLY:C	2:B:429:SER:O	4	0.78
(1,3)	1:A:10:GLY:C	2:B:429:SER:OG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:394:THR:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CG2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:394:THR:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:394:THR:HG1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:394:THR:N	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:394:THR:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:394:THR:OG1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CD	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CE	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ3	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:NZ	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:399:MET:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CE	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:399:MET:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:399:MET:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:399:MET:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:399:MET:SD	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:N	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CD	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CD	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CE	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CG	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ3	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:NZ	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:415:THR:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CG2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:415:THR:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:415:THR:HG1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:415:THR:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:415:THR:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:415:THR:OG1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD21	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD22	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:ND2	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:OD1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CD	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:424:SER:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:424:SER:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:424:SER:HG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:424:SER:N	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:424:SER:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:424:SER:OG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:O	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:429:SER:C	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CA	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CB	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:429:SER:H	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:429:SER:HG	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:429:SER:N	4	0.78
(1,3)	1:A:10:GLY:CA	2:B:429:SER:O	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:429:SER:OG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:394:THR:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:394:THR:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:394:THR:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:394:THR:CG2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:394:THR:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:394:THR:HG1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:394:THR:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:394:THR:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:394:THR:OG1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CD	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CE	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ3	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:NZ	4	0.78
(1,3)	1:A:10:GLY:H	2:B:396:LYS:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:397:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:399:MET:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:399:MET:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:399:MET:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:399:MET:CE	4	0.78
(1,3)	1:A:10:GLY:H	2:B:399:MET:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:399:MET:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:399:MET:N	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:399:MET:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:399:MET:SD	4	0.78
(1,3)	1:A:10:GLY:H	2:B:400:ASP:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:400:ASP:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:400:ASP:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:400:ASP:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:401:LEU:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:401:LEU:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:401:LEU:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:401:LEU:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:402:GLY:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:402:GLY:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:402:GLY:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:402:GLY:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:402:GLY:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:403:PHE:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:404:PRO:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CD	4	0.78
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CG	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:404:PRO:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:404:PRO:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CD	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CE	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ3	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:NZ	4	0.78
(1,3)	1:A:10:GLY:H	2:B:410:LYS:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:414:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:415:THR:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:415:THR:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:415:THR:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:415:THR:CG2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:415:THR:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:415:THR:HG1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:415:THR:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:415:THR:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:415:THR:OG1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:417:GLY:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:417:GLY:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:417:GLY:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:417:GLY:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:417:GLY:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:418:ASN:C	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:418:ASN:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD21	4	0.78
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD22	4	0.78
(1,3)	1:A:10:GLY:H	2:B:418:ASN:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:418:ASN:ND2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:418:ASN:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:418:ASN:OD1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:419:ALA:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:419:ALA:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:419:ALA:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:419:ALA:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:420:GLU:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CD	4	0.78
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:420:GLU:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:420:GLU:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:420:GLU:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:421:PHE:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:423:ALA:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:423:ALA:H	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:423:ALA:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:423:ALA:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:424:SER:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:424:SER:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:424:SER:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:424:SER:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:424:SER:HG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:424:SER:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:424:SER:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:424:SER:OG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:425:LEU:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:425:LEU:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:425:LEU:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:425:LEU:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:427:PHE:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:H	2:B:428:GLN:O	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:428:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:H	2:B:429:SER:C	4	0.78
(1,3)	1:A:10:GLY:H	2:B:429:SER:CA	4	0.78
(1,3)	1:A:10:GLY:H	2:B:429:SER:CB	4	0.78
(1,3)	1:A:10:GLY:H	2:B:429:SER:H	4	0.78
(1,3)	1:A:10:GLY:H	2:B:429:SER:HG	4	0.78
(1,3)	1:A:10:GLY:H	2:B:429:SER:N	4	0.78
(1,3)	1:A:10:GLY:H	2:B:429:SER:O	4	0.78
(1,3)	1:A:10:GLY:H	2:B:429:SER:OG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:394:THR:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:394:THR:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:394:THR:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:394:THR:CG2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:394:THR:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:394:THR:HG1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:394:THR:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:394:THR:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:394:THR:OG1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CD	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CE	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ3	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:NZ	4	0.78
(1,3)	1:A:10:GLY:N	2:B:396:LYS:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:397:GLN:O	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:397:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:399:MET:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:399:MET:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:399:MET:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:399:MET:CE	4	0.78
(1,3)	1:A:10:GLY:N	2:B:399:MET:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:399:MET:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:399:MET:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:399:MET:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:399:MET:SD	4	0.78
(1,3)	1:A:10:GLY:N	2:B:400:ASP:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:400:ASP:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:400:ASP:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:400:ASP:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:401:LEU:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:401:LEU:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:401:LEU:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:401:LEU:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:402:GLY:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:402:GLY:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:402:GLY:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:402:GLY:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:402:GLY:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CZ	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:403:PHE:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:403:PHE:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:404:PRO:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CD	4	0.78
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:404:PRO:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:404:PRO:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CD	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CE	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ3	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:NZ	4	0.78
(1,3)	1:A:10:GLY:N	2:B:410:LYS:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:414:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:415:THR:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:415:THR:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:415:THR:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:415:THR:CG2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:415:THR:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:415:THR:HG1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:415:THR:N	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:415:THR:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:415:THR:OG1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:417:GLY:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:417:GLY:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:417:GLY:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:417:GLY:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:417:GLY:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD21	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD22	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:ND2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:418:ASN:OD1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:419:ALA:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:419:ALA:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:419:ALA:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:419:ALA:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:420:GLU:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CD	4	0.78
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:420:GLU:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:420:GLU:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:420:GLU:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CG	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:421:PHE:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:423:ALA:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:423:ALA:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:423:ALA:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:423:ALA:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:424:SER:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:424:SER:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:424:SER:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:424:SER:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:424:SER:HG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:424:SER:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:424:SER:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:424:SER:OG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:425:LEU:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:425:LEU:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:425:LEU:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:425:LEU:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:427:PHE:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CB	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:428:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:N	2:B:429:SER:C	4	0.78
(1,3)	1:A:10:GLY:N	2:B:429:SER:CA	4	0.78
(1,3)	1:A:10:GLY:N	2:B:429:SER:CB	4	0.78
(1,3)	1:A:10:GLY:N	2:B:429:SER:H	4	0.78
(1,3)	1:A:10:GLY:N	2:B:429:SER:HG	4	0.78
(1,3)	1:A:10:GLY:N	2:B:429:SER:N	4	0.78
(1,3)	1:A:10:GLY:N	2:B:429:SER:O	4	0.78
(1,3)	1:A:10:GLY:N	2:B:429:SER:OG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:394:THR:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:394:THR:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:394:THR:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:394:THR:CG2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:394:THR:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:394:THR:HG1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:394:THR:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:394:THR:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:394:THR:OG1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CD	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CE	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ3	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:NZ	4	0.78
(1,3)	1:A:10:GLY:O	2:B:396:LYS:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CB	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:397:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:399:MET:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:399:MET:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:399:MET:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:399:MET:CE	4	0.78
(1,3)	1:A:10:GLY:O	2:B:399:MET:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:399:MET:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:399:MET:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:399:MET:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:399:MET:SD	4	0.78
(1,3)	1:A:10:GLY:O	2:B:400:ASP:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:400:ASP:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:400:ASP:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:400:ASP:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:401:LEU:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:401:LEU:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:401:LEU:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:401:LEU:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:402:GLY:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:402:GLY:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:402:GLY:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:402:GLY:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:402:GLY:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:C	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:403:PHE:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:404:PRO:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CD	4	0.78
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:404:PRO:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:404:PRO:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CD	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CE	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ3	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:NZ	4	0.78
(1,3)	1:A:10:GLY:O	2:B:410:LYS:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:414:GLN:O	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:414:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:415:THR:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:415:THR:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:415:THR:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:415:THR:CG2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:415:THR:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:415:THR:HG1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:415:THR:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:415:THR:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:415:THR:OG1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:417:GLY:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:417:GLY:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:417:GLY:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:417:GLY:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:417:GLY:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD21	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD22	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:ND2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:418:ASN:OD1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:419:ALA:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:419:ALA:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:419:ALA:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:419:ALA:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:420:GLU:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CD	4	0.78
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:420:GLU:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:420:GLU:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:420:GLU:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE2	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:421:PHE:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:421:PHE:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:423:ALA:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:423:ALA:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:423:ALA:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:423:ALA:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:424:SER:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:424:SER:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:424:SER:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:424:SER:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:424:SER:HG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:424:SER:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:424:SER:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:424:SER:OG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:425:LEU:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:425:LEU:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:425:LEU:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:425:LEU:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE2	4	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CZ	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:427:PHE:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CD	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE21	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE22	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:NE2	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:428:GLN:OE1	4	0.78
(1,3)	1:A:10:GLY:O	2:B:429:SER:C	4	0.78
(1,3)	1:A:10:GLY:O	2:B:429:SER:CA	4	0.78
(1,3)	1:A:10:GLY:O	2:B:429:SER:CB	4	0.78
(1,3)	1:A:10:GLY:O	2:B:429:SER:H	4	0.78
(1,3)	1:A:10:GLY:O	2:B:429:SER:HG	4	0.78
(1,3)	1:A:10:GLY:O	2:B:429:SER:N	4	0.78
(1,3)	1:A:10:GLY:O	2:B:429:SER:O	4	0.78
(1,3)	1:A:10:GLY:O	2:B:429:SER:OG	4	0.78
(1,7)	1:A:48:LYS:C	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ1	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:C	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:C	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:C	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:401:LEU:H	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:C	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:C	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CB	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CA	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:C	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:425:LEU:N	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:C	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:C	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:C	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:C	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:C	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:C	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:C	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:C	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:C	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:394:THR:OG1	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD1	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ1	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:418:ASN:OD1	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:424:SER:OG	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:CA	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:394:THR:C	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:399:MET:SD	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:404:PRO:O	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CB	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:423:ALA:O	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:429:SER:C	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:CB	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:399:MET:C	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:N	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:415:THR:OG1	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:H	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:CG	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:CD	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:CG	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CB	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:415:THR:C	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CA	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:CZ	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:CE	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:HZ3	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:401:LEU:O	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:CG	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CD	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:C	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:CG	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CA	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:H	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:H	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:H	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:401:LEU:C	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:H	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:HZ3	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:H	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CA	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:H	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CA	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:H	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:H	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:H	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:H	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:H	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:H	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:H	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:H	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CB	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CA	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CA	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:H	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CA	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:CB	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:HZ1	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CB	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:C	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:CA	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:421:PHE:O	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE21	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:HZ2	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE21	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CD2	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CB	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD1	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:N	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:HZ3	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:HZ3	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:396:LYS:NZ	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:N	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:N	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:402:GLY:CA	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:N	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:N	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE21	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:N	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:420:GLU:H	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CB	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:N	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:N	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:N	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:N	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:N	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:N	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:N	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:N	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CD	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CB	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:NZ	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:HD22	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:H	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD1	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:HG	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:NZ	2:B:429:SER:OG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:394:THR:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:394:THR:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:394:THR:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:394:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:394:THR:H	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:394:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:394:THR:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:394:THR:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:394:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CD	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:O	2:B:396:LYS:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:397:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:399:MET:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:399:MET:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:399:MET:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:399:MET:CE	8	0.75
(1,7)	1:A:48:LYS:O	2:B:399:MET:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:399:MET:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:399:MET:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:399:MET:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:399:MET:SD	8	0.75
(1,7)	1:A:48:LYS:O	2:B:400:ASP:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:400:ASP:CG	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:400:ASP:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:400:ASP:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:400:ASP:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:400:ASP:OD2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:401:LEU:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:401:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:401:LEU:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:401:LEU:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:401:LEU:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:402:GLY:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:402:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:402:GLY:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:402:GLY:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:402:GLY:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:403:PHE:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:404:PRO:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CD	8	0.75
(1,7)	1:A:48:LYS:O	2:B:404:PRO:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:404:PRO:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:404:PRO:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CD	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CE	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:HZ3	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:NZ	8	0.75
(1,7)	1:A:48:LYS:O	2:B:410:LYS:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:414:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:415:THR:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:415:THR:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:415:THR:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:415:THR:CG2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:415:THR:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:415:THR:HG1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:415:THR:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:415:THR:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:415:THR:OG1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:417:GLY:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:417:GLY:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:417:GLY:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:417:GLY:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:417:GLY:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:418:ASN:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:418:ASN:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:418:ASN:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD21	8	0.75
(1,7)	1:A:48:LYS:O	2:B:418:ASN:HD22	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:418:ASN:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:418:ASN:ND2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:418:ASN:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:418:ASN:OD1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:419:ALA:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:419:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:419:ALA:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:419:ALA:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:419:ALA:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:420:GLU:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CD	8	0.75
(1,7)	1:A:48:LYS:O	2:B:420:GLU:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:420:GLU:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:420:GLU:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:420:GLU:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:420:GLU:OE2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:421:PHE:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:423:ALA:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:423:ALA:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:423:ALA:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:423:ALA:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:423:ALA:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:424:SER:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:424:SER:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:424:SER:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:424:SER:H	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:424:SER:HG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:424:SER:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:424:SER:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:424:SER:OG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:425:LEU:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CD2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:425:LEU:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:425:LEU:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:425:LEU:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:425:LEU:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CD2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CE2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:CZ	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:427:PHE:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CD	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:CG	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE21	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:HE22	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:NE2	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:428:GLN:OE1	8	0.75
(1,7)	1:A:48:LYS:O	2:B:429:SER:C	8	0.75
(1,7)	1:A:48:LYS:O	2:B:429:SER:CA	8	0.75
(1,7)	1:A:48:LYS:O	2:B:429:SER:CB	8	0.75
(1,7)	1:A:48:LYS:O	2:B:429:SER:H	8	0.75
(1,7)	1:A:48:LYS:O	2:B:429:SER:HG	8	0.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:48:LYS:O	2:B:429:SER:N	8	0.75
(1,7)	1:A:48:LYS:O	2:B:429:SER:O	8	0.75
(1,7)	1:A:48:LYS:O	2:B:429:SER:OG	8	0.75
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	8	0.6
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	8	0.6
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	8	0.6
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	8	0.6
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	8	0.6
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	8	0.6
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	8	0.6
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	8	0.6
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	8	0.6
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	8	0.6
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	8	0.6
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	8	0.6
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	8	0.6
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	8	0.6
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	8	0.6
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	8	0.6
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	8	0.6
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	8	0.6
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	8	0.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	8	0.6
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	8	0.6
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	8	0.6
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	8	0.6
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	8	0.6
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	8	0.6
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	8	0.6
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	10	0.57
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	10	0.57
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	10	0.57
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	10	0.57
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	10	0.57
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	10	0.57
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	10	0.57
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	10	0.57
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	10	0.57
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	10	0.57
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	10	0.57
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	10	0.57
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	10	0.57
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	10	0.57
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	10	0.57
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	10	0.57
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	10	0.57
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	10	0.57
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	10	0.57
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	10	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	10	0.57
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	10	0.57
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	10	0.57
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	10	0.57
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	10	0.57
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	10	0.57
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	10	0.57
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	3	0.54
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	3	0.54
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	3	0.54
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	3	0.54
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	3	0.54
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	3	0.54
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	3	0.54
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	3	0.54
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	3	0.54
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	3	0.54
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	3	0.54
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	3	0.54
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	3	0.54
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	3	0.54
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	3	0.54
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	3	0.54
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	3	0.54
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	3	0.54
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	3	0.54
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	3	0.54
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	3	0.54
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	3	0.54
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	3	0.54
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	3	0.54
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	1	0.51
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	1	0.51
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	1	0.51
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	1	0.51
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	1	0.51
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	1	0.51
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	1	0.51
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	1	0.51
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	1	0.51
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	1	0.51
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	1	0.51
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	1	0.51
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	1	0.51
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	1	0.51
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	1	0.51
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	1	0.51
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	1	0.51
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	1	0.51
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	1	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	1	0.51
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	1	0.51
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	1	0.51
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	1	0.51
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	1	0.51
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	1	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	4	0.51
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	4	0.51
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	4	0.51
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	4	0.51
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	4	0.51
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	4	0.51
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	4	0.51
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	4	0.51
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	4	0.51
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	4	0.51
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	4	0.51
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	4	0.51
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	4	0.51
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	4	0.51
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	4	0.51
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	4	0.51
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	4	0.51
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	4	0.51
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	4	0.51

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	4	0.51
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	4	0.51
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	4	0.51
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	4	0.51
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	4	0.51
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	4	0.51
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	4	0.51
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	8	0.49
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	8	0.49
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	8	0.49
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	8	0.49
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	8	0.49
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	8	0.49
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	8	0.49
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	8	0.49
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	8	0.49
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	8	0.49
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	8	0.49
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	8	0.49
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	8	0.49
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	8	0.49
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	8	0.49
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	8	0.49
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	8	0.49
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	8	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	8	0.49
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	8	0.49
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	8	0.49
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	8	0.49
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	8	0.49
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	8	0.49
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	8	0.49
(1,8)	1:A:49:GLN:C	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CG	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:C	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:C	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:C	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD2	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:C	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:C	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:419:ALA:O	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CG	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:C	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:C	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:C	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:C	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:C	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:C	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:C	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:C	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:394:THR:N	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:N	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CG	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:ND2	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:424:SER:N	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:CA	2:B:429:SER:O	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:399:MET:N	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CG	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:C	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:H	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:O	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:CB	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:O	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CZ	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:415:THR:N	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CG	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CB	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:CD	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CB	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:C	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:O	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE2	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE2	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:CG	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ1	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:H	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:H	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:H	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:401:LEU:H	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:H	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CB	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CA	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:425:LEU:N	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:H	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:H	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:H	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:H	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:H	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:H	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:H	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:H	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:OG1	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD1	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ1	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:OD1	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:OG	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:C	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:SD	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:O	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CB	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:O	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:C	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:N	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:399:MET:C	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:N	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:N	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:403:PHE:N	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:N	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:415:THR:OG1	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:H	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CG	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:N	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:N	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:N	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:N	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:N	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:N	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:N	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:N	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CG	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CB	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:C	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CA	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CZ	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ3	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:O	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:O	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:O	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:401:LEU:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:401:LEU:O	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:O	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CG	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CD	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:C	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:O	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:O	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:O	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:O	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:O	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:O	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:O	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:O	2:B:429:SER:OG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CA	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ3	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CE	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:SD	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:C	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CD	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CD	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CE	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ3	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:NZ	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CG2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:HG1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:OG1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD21	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD22	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:ND2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:OD1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CA	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CD	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:HG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:OG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CA	5	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CZ	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CD	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE21	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE22	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:NE2	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:OE1	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:C	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CA	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CB	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:H	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:HG	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:N	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:O	5	0.48
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:OG	5	0.48
(1,6)	1:A:47:GLY:C	2:B:394:THR:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:394:THR:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:394:THR:CB	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:394:THR:CG2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:394:THR:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:394:THR:HG1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:394:THR:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:394:THR:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:394:THR:OG1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CD	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CE	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ3	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:NZ	2	0.47
(1,6)	1:A:47:GLY:C	2:B:396:LYS:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:397:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:399:MET:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:399:MET:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:399:MET:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:399:MET:CE	2	0.47
(1,6)	1:A:47:GLY:C	2:B:399:MET:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:399:MET:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:399:MET:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:399:MET:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:399:MET:SD	2	0.47
(1,6)	1:A:47:GLY:C	2:B:400:ASP:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CA	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:400:ASP:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:400:ASP:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:400:ASP:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:401:LEU:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:401:LEU:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:401:LEU:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:401:LEU:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:402:GLY:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:402:GLY:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:402:GLY:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:402:GLY:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:402:GLY:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:403:PHE:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:404:PRO:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CD	2	0.47
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:404:PRO:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:404:PRO:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CA	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CD	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CE	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ3	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:NZ	2	0.47
(1,6)	1:A:47:GLY:C	2:B:410:LYS:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:414:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:415:THR:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:415:THR:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:415:THR:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:415:THR:CG2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:415:THR:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:415:THR:HG1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:415:THR:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:415:THR:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:415:THR:OG1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:417:GLY:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:417:GLY:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:417:GLY:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:417:GLY:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:417:GLY:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:418:ASN:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:418:ASN:H	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD21	2	0.47
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD22	2	0.47
(1,6)	1:A:47:GLY:C	2:B:418:ASN:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:418:ASN:ND2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:418:ASN:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:418:ASN:OD1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:419:ALA:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:419:ALA:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:419:ALA:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:419:ALA:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:420:GLU:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CD	2	0.47
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:420:GLU:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:420:GLU:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:420:GLU:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:421:PHE:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:423:ALA:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:423:ALA:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:423:ALA:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:423:ALA:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:424:SER:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:424:SER:CA	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:424:SER:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:424:SER:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:424:SER:HG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:424:SER:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:424:SER:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:424:SER:OG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:425:LEU:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:425:LEU:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:425:LEU:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:425:LEU:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:427:PHE:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:428:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:C	2:B:429:SER:C	2	0.47
(1,6)	1:A:47:GLY:C	2:B:429:SER:CA	2	0.47
(1,6)	1:A:47:GLY:C	2:B:429:SER:CB	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:429:SER:H	2	0.47
(1,6)	1:A:47:GLY:C	2:B:429:SER:HG	2	0.47
(1,6)	1:A:47:GLY:C	2:B:429:SER:N	2	0.47
(1,6)	1:A:47:GLY:C	2:B:429:SER:O	2	0.47
(1,6)	1:A:47:GLY:C	2:B:429:SER:OG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:394:THR:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CG2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:394:THR:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:394:THR:HG1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:394:THR:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:394:THR:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:394:THR:OG1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CD	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CE	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ3	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:NZ	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:399:MET:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CB	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CE	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:399:MET:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:399:MET:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:399:MET:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:399:MET:SD	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:C	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CD	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CD	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CE	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ3	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:NZ	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:415:THR:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CG2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:415:THR:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:415:THR:HG1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:415:THR:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:415:THR:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:415:THR:OG1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:CA	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD21	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD22	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:ND2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:OD1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CD	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:O	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:424:SER:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:424:SER:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:424:SER:HG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:424:SER:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:424:SER:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:424:SER:OG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE21	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:429:SER:C	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CA	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CB	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:429:SER:H	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:429:SER:HG	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:429:SER:N	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:429:SER:O	2	0.47
(1,6)	1:A:47:GLY:CA	2:B:429:SER:OG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:394:THR:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:394:THR:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:394:THR:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:394:THR:CG2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:394:THR:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:394:THR:HG1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:394:THR:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:394:THR:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:394:THR:OG1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CD	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CE	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ3	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:NZ	2	0.47
(1,6)	1:A:47:GLY:H	2:B:396:LYS:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE21	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:397:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:399:MET:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:399:MET:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:399:MET:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:399:MET:CE	2	0.47
(1,6)	1:A:47:GLY:H	2:B:399:MET:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:399:MET:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:399:MET:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:399:MET:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:399:MET:SD	2	0.47
(1,6)	1:A:47:GLY:H	2:B:400:ASP:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:400:ASP:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:400:ASP:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:400:ASP:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:401:LEU:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:401:LEU:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:401:LEU:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:401:LEU:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:402:GLY:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:402:GLY:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:402:GLY:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:402:GLY:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:402:GLY:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD2	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:403:PHE:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:404:PRO:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CD	2	0.47
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:404:PRO:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:404:PRO:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CD	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CE	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ3	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:NZ	2	0.47
(1,6)	1:A:47:GLY:H	2:B:410:LYS:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:414:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:415:THR:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:415:THR:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:415:THR:CB	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:415:THR:CG2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:415:THR:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:415:THR:HG1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:415:THR:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:415:THR:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:415:THR:OG1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:417:GLY:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:417:GLY:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:417:GLY:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:417:GLY:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:417:GLY:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD21	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD22	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:ND2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:418:ASN:OD1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:419:ALA:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:419:ALA:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:419:ALA:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:419:ALA:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:420:GLU:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CD	2	0.47
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:420:GLU:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:420:GLU:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:420:GLU:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD1	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:421:PHE:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:423:ALA:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:423:ALA:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:423:ALA:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:423:ALA:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:424:SER:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:424:SER:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:424:SER:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:424:SER:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:424:SER:HG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:424:SER:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:424:SER:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:424:SER:OG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:425:LEU:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:425:LEU:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:425:LEU:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:425:LEU:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:427:PHE:N	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:427:PHE:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:428:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:H	2:B:429:SER:C	2	0.47
(1,6)	1:A:47:GLY:H	2:B:429:SER:CA	2	0.47
(1,6)	1:A:47:GLY:H	2:B:429:SER:CB	2	0.47
(1,6)	1:A:47:GLY:H	2:B:429:SER:H	2	0.47
(1,6)	1:A:47:GLY:H	2:B:429:SER:HG	2	0.47
(1,6)	1:A:47:GLY:H	2:B:429:SER:N	2	0.47
(1,6)	1:A:47:GLY:H	2:B:429:SER:O	2	0.47
(1,6)	1:A:47:GLY:H	2:B:429:SER:OG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:394:THR:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:394:THR:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:394:THR:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:394:THR:CG2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:394:THR:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:394:THR:HG1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:394:THR:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:394:THR:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:394:THR:OG1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CD	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CE	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ3	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:396:LYS:NZ	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:396:LYS:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:397:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:399:MET:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:399:MET:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:399:MET:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:399:MET:CE	2	0.47
(1,6)	1:A:47:GLY:N	2:B:399:MET:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:399:MET:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:399:MET:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:399:MET:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:399:MET:SD	2	0.47
(1,6)	1:A:47:GLY:N	2:B:400:ASP:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:400:ASP:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:400:ASP:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:400:ASP:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:401:LEU:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:401:LEU:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:401:LEU:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:401:LEU:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:402:GLY:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:402:GLY:CA	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:402:GLY:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:402:GLY:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:402:GLY:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:403:PHE:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:404:PRO:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CD	2	0.47
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:404:PRO:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:404:PRO:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CD	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CE	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ3	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:NZ	2	0.47
(1,6)	1:A:47:GLY:N	2:B:410:LYS:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE21	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:414:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:415:THR:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:415:THR:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:415:THR:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:415:THR:CG2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:415:THR:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:415:THR:HG1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:415:THR:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:415:THR:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:415:THR:OG1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:417:GLY:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:417:GLY:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:417:GLY:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:417:GLY:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:417:GLY:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD21	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD22	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:ND2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:418:ASN:OD1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:419:ALA:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:419:ALA:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:419:ALA:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:419:ALA:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:420:GLU:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CD	2	0.47
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:420:GLU:H	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:420:GLU:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:420:GLU:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:421:PHE:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:423:ALA:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:423:ALA:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:423:ALA:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:423:ALA:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:424:SER:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:424:SER:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:424:SER:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:424:SER:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:424:SER:HG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:424:SER:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:424:SER:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:424:SER:OG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:425:LEU:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:425:LEU:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:425:LEU:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:425:LEU:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CB	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:427:PHE:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:428:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:N	2:B:429:SER:C	2	0.47
(1,6)	1:A:47:GLY:N	2:B:429:SER:CA	2	0.47
(1,6)	1:A:47:GLY:N	2:B:429:SER:CB	2	0.47
(1,6)	1:A:47:GLY:N	2:B:429:SER:H	2	0.47
(1,6)	1:A:47:GLY:N	2:B:429:SER:HG	2	0.47
(1,6)	1:A:47:GLY:N	2:B:429:SER:N	2	0.47
(1,6)	1:A:47:GLY:N	2:B:429:SER:O	2	0.47
(1,6)	1:A:47:GLY:N	2:B:429:SER:OG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:394:THR:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:394:THR:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:394:THR:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:394:THR:CG2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:394:THR:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:394:THR:HG1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:394:THR:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:394:THR:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:394:THR:OG1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CD	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CE	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ3	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:NZ	2	0.47
(1,6)	1:A:47:GLY:O	2:B:396:LYS:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:397:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:399:MET:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:399:MET:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:399:MET:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:399:MET:CE	2	0.47
(1,6)	1:A:47:GLY:O	2:B:399:MET:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:399:MET:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:399:MET:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:399:MET:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:399:MET:SD	2	0.47
(1,6)	1:A:47:GLY:O	2:B:400:ASP:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:400:ASP:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:400:ASP:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:400:ASP:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:401:LEU:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CB	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:401:LEU:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:401:LEU:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:401:LEU:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:402:GLY:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:402:GLY:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:402:GLY:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:402:GLY:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:402:GLY:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:403:PHE:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:404:PRO:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CD	2	0.47
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:404:PRO:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:404:PRO:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CD	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CE	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ3	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:410:LYS:NZ	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:410:LYS:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:414:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:415:THR:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:415:THR:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:415:THR:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:415:THR:CG2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:415:THR:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:415:THR:HG1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:415:THR:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:415:THR:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:415:THR:OG1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:417:GLY:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:417:GLY:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:417:GLY:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:417:GLY:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:417:GLY:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD21	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD22	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:ND2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:418:ASN:OD1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:419:ALA:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:419:ALA:H	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:419:ALA:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:419:ALA:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:420:GLU:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CD	2	0.47
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:420:GLU:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:420:GLU:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:420:GLU:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:421:PHE:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:423:ALA:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:423:ALA:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:423:ALA:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:423:ALA:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:424:SER:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:424:SER:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:424:SER:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:424:SER:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:424:SER:HG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:424:SER:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:424:SER:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:424:SER:OG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:425:LEU:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD1	2	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:425:LEU:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:425:LEU:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:425:LEU:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CZ	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:427:PHE:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CD	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE21	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE22	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:NE2	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:428:GLN:OE1	2	0.47
(1,6)	1:A:47:GLY:O	2:B:429:SER:C	2	0.47
(1,6)	1:A:47:GLY:O	2:B:429:SER:CA	2	0.47
(1,6)	1:A:47:GLY:O	2:B:429:SER:CB	2	0.47
(1,6)	1:A:47:GLY:O	2:B:429:SER:H	2	0.47
(1,6)	1:A:47:GLY:O	2:B:429:SER:HG	2	0.47
(1,6)	1:A:47:GLY:O	2:B:429:SER:N	2	0.47
(1,6)	1:A:47:GLY:O	2:B:429:SER:O	2	0.47
(1,6)	1:A:47:GLY:O	2:B:429:SER:OG	2	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	6	0.47
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	6	0.47
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	6	0.47
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	6	0.47
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	6	0.47
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	6	0.47
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	6	0.47
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	6	0.47
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	6	0.47
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	6	0.47
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	6	0.47
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	6	0.47
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	6	0.47
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	6	0.47
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	6	0.47
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	6	0.47
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	6	0.47
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	6	0.47
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	6	0.47
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	6	0.47
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	6	0.47
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:394:THR:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:394:THR:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:394:THR:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:394:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:394:THR:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:394:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:394:THR:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:394:THR:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:394:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:C	2:B:396:LYS:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:397:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:399:MET:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:399:MET:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:399:MET:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:399:MET:CE	6	0.47
(1,11)	1:A:71:LEU:C	2:B:399:MET:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:399:MET:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:399:MET:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:399:MET:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:399:MET:SD	6	0.47
(1,11)	1:A:71:LEU:C	2:B:400:ASP:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:400:ASP:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:400:ASP:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:400:ASP:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:401:LEU:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:401:LEU:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:401:LEU:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:401:LEU:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:402:GLY:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:402:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:402:GLY:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:402:GLY:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:402:GLY:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:403:PHE:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:404:PRO:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CD	6	0.47
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CG	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:404:PRO:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:404:PRO:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:C	2:B:410:LYS:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:414:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:415:THR:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:415:THR:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:415:THR:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:415:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:415:THR:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:415:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:415:THR:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:415:THR:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:415:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:417:GLY:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:417:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:417:GLY:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:417:GLY:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:417:GLY:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:418:ASN:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:418:ASN:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD21	6	0.47
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD22	6	0.47
(1,11)	1:A:71:LEU:C	2:B:418:ASN:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:418:ASN:ND2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:418:ASN:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:418:ASN:OD1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:419:ALA:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:419:ALA:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:419:ALA:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:419:ALA:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:420:GLU:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CD	6	0.47
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:420:GLU:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:420:GLU:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:420:GLU:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:421:PHE:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:423:ALA:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:423:ALA:H	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:423:ALA:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:423:ALA:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:424:SER:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:424:SER:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:424:SER:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:424:SER:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:424:SER:HG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:424:SER:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:424:SER:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:424:SER:OG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:425:LEU:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:425:LEU:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:425:LEU:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:425:LEU:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:427:PHE:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:C	2:B:428:GLN:O	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:428:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:C	2:B:429:SER:C	6	0.47
(1,11)	1:A:71:LEU:C	2:B:429:SER:CA	6	0.47
(1,11)	1:A:71:LEU:C	2:B:429:SER:CB	6	0.47
(1,11)	1:A:71:LEU:C	2:B:429:SER:H	6	0.47
(1,11)	1:A:71:LEU:C	2:B:429:SER:HG	6	0.47
(1,11)	1:A:71:LEU:C	2:B:429:SER:N	6	0.47
(1,11)	1:A:71:LEU:C	2:B:429:SER:O	6	0.47
(1,11)	1:A:71:LEU:C	2:B:429:SER:OG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:394:THR:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:394:THR:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:394:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:394:THR:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:394:THR:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:394:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:O	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:399:MET:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CE	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:399:MET:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:399:MET:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:399:MET:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:399:MET:SD	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CZ	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CD	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:415:THR:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:415:THR:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:415:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:415:THR:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:415:THR:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:415:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD21	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD22	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:ND2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:OD1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CD	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CG	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:424:SER:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:424:SER:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:424:SER:HG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:424:SER:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:424:SER:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:424:SER:OG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CB	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:429:SER:C	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CA	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CB	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:429:SER:H	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:429:SER:HG	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:429:SER:N	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:429:SER:O	6	0.47
(1,11)	1:A:71:LEU:CA	2:B:429:SER:OG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:394:THR:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:394:THR:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:394:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:394:THR:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:394:THR:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:394:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CB	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:399:MET:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CE	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:399:MET:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:399:MET:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:399:MET:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:399:MET:SD	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CD	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:O	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:415:THR:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:415:THR:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:415:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:415:THR:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:415:THR:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:415:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD21	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD22	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:ND2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:OD1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CD	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:424:SER:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:424:SER:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:424:SER:HG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:424:SER:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:424:SER:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:424:SER:OG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE2	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:429:SER:C	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CA	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CB	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:429:SER:H	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:429:SER:HG	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:429:SER:N	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:429:SER:O	6	0.47
(1,11)	1:A:71:LEU:CB	2:B:429:SER:OG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ1	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CE	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:SD	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:H	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CD	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CB	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD21	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD22	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:ND2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:OD1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CA	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CD	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:HG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:OG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:C	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CA	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CB	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:H	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:HG	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:N	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:O	6	0.47
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:OG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:OG1	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CE	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:SD	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD1	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CD	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ1	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD21	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD22	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:ND2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:OD1	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CD	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:HG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:OG	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:C	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CA	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CB	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:H	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:HG	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:N	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:O	6	0.47
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:OG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:394:THR:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:394:THR:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:394:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:394:THR:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:394:THR:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:394:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:399:MET:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CE	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:399:MET:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:399:MET:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:399:MET:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:399:MET:SD	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CD	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:O	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:415:THR:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:415:THR:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:415:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:415:THR:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:415:THR:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:415:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CB	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD21	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD22	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:ND2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:OD1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CD	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:O	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:424:SER:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:424:SER:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:424:SER:HG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:424:SER:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:424:SER:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:424:SER:OG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:C	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:429:SER:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CA	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CB	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:429:SER:H	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:429:SER:HG	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:429:SER:N	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:429:SER:O	6	0.47
(1,11)	1:A:71:LEU:CG	2:B:429:SER:OG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:394:THR:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:394:THR:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:394:THR:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:394:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:394:THR:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:394:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:394:THR:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:394:THR:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:394:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:H	2:B:396:LYS:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:397:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:399:MET:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:399:MET:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:399:MET:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:399:MET:CE	6	0.47
(1,11)	1:A:71:LEU:H	2:B:399:MET:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:399:MET:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:399:MET:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:399:MET:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:399:MET:SD	6	0.47
(1,11)	1:A:71:LEU:H	2:B:400:ASP:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:400:ASP:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:400:ASP:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:400:ASP:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:401:LEU:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:401:LEU:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:401:LEU:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:401:LEU:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:402:GLY:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:402:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:402:GLY:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:402:GLY:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:402:GLY:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:403:PHE:N	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:403:PHE:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:404:PRO:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CD	6	0.47
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:404:PRO:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:404:PRO:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:H	2:B:410:LYS:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:414:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:415:THR:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:415:THR:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:415:THR:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:415:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:415:THR:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:415:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:415:THR:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:415:THR:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:415:THR:OG1	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:417:GLY:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:417:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:417:GLY:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:417:GLY:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:417:GLY:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD21	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD22	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:ND2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:418:ASN:OD1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:419:ALA:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:419:ALA:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:419:ALA:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:419:ALA:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:420:GLU:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CD	6	0.47
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:420:GLU:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:420:GLU:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:420:GLU:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:H	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:421:PHE:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:421:PHE:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:423:ALA:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:423:ALA:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:423:ALA:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:423:ALA:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:424:SER:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:424:SER:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:424:SER:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:424:SER:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:424:SER:HG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:424:SER:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:424:SER:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:424:SER:OG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:425:LEU:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:425:LEU:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:425:LEU:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:425:LEU:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:427:PHE:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CG	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:428:GLN:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:428:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:H	2:B:429:SER:C	6	0.47
(1,11)	1:A:71:LEU:H	2:B:429:SER:CA	6	0.47
(1,11)	1:A:71:LEU:H	2:B:429:SER:CB	6	0.47
(1,11)	1:A:71:LEU:H	2:B:429:SER:H	6	0.47
(1,11)	1:A:71:LEU:H	2:B:429:SER:HG	6	0.47
(1,11)	1:A:71:LEU:H	2:B:429:SER:N	6	0.47
(1,11)	1:A:71:LEU:H	2:B:429:SER:O	6	0.47
(1,11)	1:A:71:LEU:H	2:B:429:SER:OG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:394:THR:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:394:THR:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:394:THR:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:394:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:394:THR:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:394:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:394:THR:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:394:THR:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:394:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:N	2:B:396:LYS:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CG	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:397:GLN:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:397:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:399:MET:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:399:MET:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:399:MET:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:399:MET:CE	6	0.47
(1,11)	1:A:71:LEU:N	2:B:399:MET:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:399:MET:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:399:MET:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:399:MET:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:399:MET:SD	6	0.47
(1,11)	1:A:71:LEU:N	2:B:400:ASP:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:400:ASP:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:400:ASP:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:400:ASP:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:401:LEU:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:401:LEU:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:401:LEU:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:401:LEU:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:402:GLY:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:402:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:402:GLY:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:402:GLY:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:402:GLY:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CB	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:403:PHE:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:404:PRO:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CD	6	0.47
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:404:PRO:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:404:PRO:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:N	2:B:410:LYS:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:414:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:415:THR:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:415:THR:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:415:THR:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:415:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:415:THR:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:415:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:415:THR:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:415:THR:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:415:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:417:GLY:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:417:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:417:GLY:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:417:GLY:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:417:GLY:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD21	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD22	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:ND2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:418:ASN:OD1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:419:ALA:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:419:ALA:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:419:ALA:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:419:ALA:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:420:GLU:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CD	6	0.47
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:420:GLU:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:420:GLU:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:420:GLU:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CA	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:421:PHE:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:423:ALA:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:423:ALA:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:423:ALA:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:423:ALA:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:424:SER:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:424:SER:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:424:SER:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:424:SER:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:424:SER:HG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:424:SER:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:424:SER:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:424:SER:OG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:425:LEU:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:425:LEU:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:425:LEU:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:425:LEU:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CZ	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:427:PHE:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:427:PHE:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:428:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:N	2:B:429:SER:C	6	0.47
(1,11)	1:A:71:LEU:N	2:B:429:SER:CA	6	0.47
(1,11)	1:A:71:LEU:N	2:B:429:SER:CB	6	0.47
(1,11)	1:A:71:LEU:N	2:B:429:SER:H	6	0.47
(1,11)	1:A:71:LEU:N	2:B:429:SER:HG	6	0.47
(1,11)	1:A:71:LEU:N	2:B:429:SER:N	6	0.47
(1,11)	1:A:71:LEU:N	2:B:429:SER:O	6	0.47
(1,11)	1:A:71:LEU:N	2:B:429:SER:OG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:394:THR:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:394:THR:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:394:THR:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:394:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:394:THR:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:394:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:394:THR:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:394:THR:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:394:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ3	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:396:LYS:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:O	2:B:396:LYS:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:397:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:399:MET:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:399:MET:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:399:MET:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:399:MET:CE	6	0.47
(1,11)	1:A:71:LEU:O	2:B:399:MET:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:399:MET:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:399:MET:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:399:MET:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:399:MET:SD	6	0.47
(1,11)	1:A:71:LEU:O	2:B:400:ASP:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:400:ASP:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:400:ASP:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:400:ASP:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:401:LEU:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:401:LEU:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:401:LEU:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:401:LEU:O	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:402:GLY:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:402:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:402:GLY:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:402:GLY:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:402:GLY:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:403:PHE:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:404:PRO:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CD	6	0.47
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:404:PRO:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:404:PRO:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CD	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CE	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ3	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:NZ	6	0.47
(1,11)	1:A:71:LEU:O	2:B:410:LYS:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CG	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:414:GLN:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:414:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:415:THR:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:415:THR:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:415:THR:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:415:THR:CG2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:415:THR:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:415:THR:HG1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:415:THR:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:415:THR:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:415:THR:OG1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:417:GLY:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:417:GLY:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:417:GLY:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:417:GLY:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:417:GLY:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD21	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD22	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:ND2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:418:ASN:OD1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:419:ALA:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:419:ALA:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:419:ALA:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:419:ALA:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:420:GLU:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CD	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:420:GLU:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:420:GLU:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:420:GLU:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:421:PHE:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:423:ALA:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:423:ALA:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:423:ALA:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:423:ALA:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:424:SER:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:424:SER:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:424:SER:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:424:SER:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:424:SER:HG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:424:SER:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:424:SER:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:424:SER:OG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:425:LEU:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:425:LEU:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:425:LEU:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:425:LEU:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:C	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CZ	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:427:PHE:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CD	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE21	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE22	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:NE2	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:428:GLN:OE1	6	0.47
(1,11)	1:A:71:LEU:O	2:B:429:SER:C	6	0.47
(1,11)	1:A:71:LEU:O	2:B:429:SER:CA	6	0.47
(1,11)	1:A:71:LEU:O	2:B:429:SER:CB	6	0.47
(1,11)	1:A:71:LEU:O	2:B:429:SER:H	6	0.47
(1,11)	1:A:71:LEU:O	2:B:429:SER:HG	6	0.47
(1,11)	1:A:71:LEU:O	2:B:429:SER:N	6	0.47
(1,11)	1:A:71:LEU:O	2:B:429:SER:O	6	0.47
(1,11)	1:A:71:LEU:O	2:B:429:SER:OG	6	0.47
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	2	0.45
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	2	0.45
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	2	0.45
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	2	0.45
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	2	0.45
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	2	0.45
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	2	0.45
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	2	0.45
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	2	0.45
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	2	0.45
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	2	0.45
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	2	0.45
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	2	0.45
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	2	0.45
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	2	0.45
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	2	0.45
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	2	0.45
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	2	0.45
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	2	0.45
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	2	0.45
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	2	0.45
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	2	0.45
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	2	0.45
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	2	0.45
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	2	0.45
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	2	0.41
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	2	0.41
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	2	0.41
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	2	0.41
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	2	0.41
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	2	0.41
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	2	0.41
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	2	0.41
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	2	0.41
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	2	0.41
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	2	0.41
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	2	0.41
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	2	0.41
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	2	0.41
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	2	0.41
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	2	0.41
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	2	0.41
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	2	0.41
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	2	0.41
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	2	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	2	0.41
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	2	0.41
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	2	0.41
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	2	0.41
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	2	0.41
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	2	0.41
(1,2)	1:A:8:LEU:C	2:B:394:THR:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:394:THR:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:394:THR:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:394:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:394:THR:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:394:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:394:THR:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:394:THR:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:394:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:C	2:B:396:LYS:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:397:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:399:MET:C	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:399:MET:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:399:MET:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:399:MET:CE	10	0.39
(1,2)	1:A:8:LEU:C	2:B:399:MET:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:399:MET:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:399:MET:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:399:MET:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:399:MET:SD	10	0.39
(1,2)	1:A:8:LEU:C	2:B:400:ASP:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:400:ASP:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:400:ASP:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:400:ASP:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:401:LEU:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:401:LEU:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:401:LEU:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:401:LEU:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:402:GLY:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:402:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:402:GLY:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:402:GLY:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:402:GLY:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:403:PHE:N	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:403:PHE:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:404:PRO:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CD	10	0.39
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:404:PRO:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:404:PRO:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:C	2:B:410:LYS:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:414:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:415:THR:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:415:THR:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:415:THR:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:415:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:415:THR:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:415:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:415:THR:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:415:THR:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:415:THR:OG1	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:417:GLY:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:417:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:417:GLY:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:417:GLY:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:417:GLY:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD21	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD22	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:ND2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:418:ASN:OD1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:419:ALA:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:419:ALA:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:419:ALA:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:419:ALA:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:420:GLU:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CD	10	0.39
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:420:GLU:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:420:GLU:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:420:GLU:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:H	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:421:PHE:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:421:PHE:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:423:ALA:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:423:ALA:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:423:ALA:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:423:ALA:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:424:SER:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:424:SER:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:424:SER:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:424:SER:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:424:SER:HG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:424:SER:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:424:SER:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:424:SER:OG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:425:LEU:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:425:LEU:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:425:LEU:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:425:LEU:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:427:PHE:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CG	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:428:GLN:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:428:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:C	2:B:429:SER:C	10	0.39
(1,2)	1:A:8:LEU:C	2:B:429:SER:CA	10	0.39
(1,2)	1:A:8:LEU:C	2:B:429:SER:CB	10	0.39
(1,2)	1:A:8:LEU:C	2:B:429:SER:H	10	0.39
(1,2)	1:A:8:LEU:C	2:B:429:SER:HG	10	0.39
(1,2)	1:A:8:LEU:C	2:B:429:SER:N	10	0.39
(1,2)	1:A:8:LEU:C	2:B:429:SER:O	10	0.39
(1,2)	1:A:8:LEU:C	2:B:429:SER:OG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:394:THR:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:394:THR:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:394:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:394:THR:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:394:THR:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:394:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CG	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:399:MET:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CE	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:399:MET:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:399:MET:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:399:MET:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:399:MET:SD	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CB	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CD	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:415:THR:C	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:415:THR:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:415:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:415:THR:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:415:THR:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:415:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD21	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD22	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:ND2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:OD1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CD	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CA	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:424:SER:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:424:SER:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:424:SER:HG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:424:SER:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:424:SER:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:424:SER:OG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CZ	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:429:SER:C	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CA	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CB	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:429:SER:H	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:429:SER:HG	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:429:SER:N	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:429:SER:O	10	0.39
(1,2)	1:A:8:LEU:CA	2:B:429:SER:OG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:394:THR:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:394:THR:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:394:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:394:THR:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:394:THR:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:394:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ3	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:399:MET:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CE	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:399:MET:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:399:MET:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:399:MET:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:399:MET:SD	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:O	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CD	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CG	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:415:THR:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:415:THR:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:415:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:415:THR:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:415:THR:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:415:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD21	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD22	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:ND2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:OD1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CD	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:424:SER:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:424:SER:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:424:SER:HG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:424:SER:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:424:SER:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:424:SER:OG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:C	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:429:SER:C	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CA	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CB	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:429:SER:H	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:429:SER:HG	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:429:SER:N	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:429:SER:O	10	0.39
(1,2)	1:A:8:LEU:CB	2:B:429:SER:OG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CA	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CE	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:SD	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:C	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CD	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ3	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD21	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD22	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:ND2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:OD1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CA	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CD	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:HG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:OG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CA	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:C	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CA	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CB	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:H	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:HG	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:N	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:O	10	0.39
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:OG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CB	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CE	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:SD	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CA	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CD	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CA	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:H	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD21	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD22	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:ND2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:OD1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CD	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CA	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:HG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:OG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:C	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CA	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CB	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:H	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:HG	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:N	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:O	10	0.39
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:OG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:394:THR:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:394:THR:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:394:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:394:THR:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:394:THR:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:394:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:399:MET:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CB	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CE	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:399:MET:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:399:MET:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:399:MET:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:399:MET:SD	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:C	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CD	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:415:THR:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:415:THR:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:415:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:415:THR:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:415:THR:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:415:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:CA	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD21	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD22	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:ND2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:OD1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CD	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:O	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:424:SER:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:424:SER:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:424:SER:HG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:424:SER:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:424:SER:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:424:SER:OG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE21	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:429:SER:C	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CA	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CB	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:429:SER:H	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:429:SER:HG	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:429:SER:N	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:429:SER:O	10	0.39
(1,2)	1:A:8:LEU:CG	2:B:429:SER:OG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:394:THR:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:394:THR:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:394:THR:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:394:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:394:THR:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:394:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:394:THR:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:394:THR:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:394:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:H	2:B:396:LYS:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE21	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:397:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:399:MET:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:399:MET:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:399:MET:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:399:MET:CE	10	0.39
(1,2)	1:A:8:LEU:H	2:B:399:MET:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:399:MET:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:399:MET:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:399:MET:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:399:MET:SD	10	0.39
(1,2)	1:A:8:LEU:H	2:B:400:ASP:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:400:ASP:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:400:ASP:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:400:ASP:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:401:LEU:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:401:LEU:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:401:LEU:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:401:LEU:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:402:GLY:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:402:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:402:GLY:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:402:GLY:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:402:GLY:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD2	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:403:PHE:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:404:PRO:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CD	10	0.39
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:404:PRO:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:404:PRO:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:H	2:B:410:LYS:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:414:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:415:THR:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:415:THR:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:415:THR:CB	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:415:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:415:THR:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:415:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:415:THR:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:415:THR:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:415:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:417:GLY:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:417:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:417:GLY:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:417:GLY:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:417:GLY:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD21	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD22	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:ND2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:418:ASN:OD1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:419:ALA:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:419:ALA:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:419:ALA:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:419:ALA:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:420:GLU:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CD	10	0.39
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:420:GLU:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:420:GLU:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:420:GLU:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD1	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:421:PHE:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:423:ALA:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:423:ALA:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:423:ALA:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:423:ALA:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:424:SER:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:424:SER:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:424:SER:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:424:SER:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:424:SER:HG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:424:SER:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:424:SER:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:424:SER:OG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:425:LEU:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:425:LEU:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:425:LEU:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:425:LEU:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:427:PHE:N	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:427:PHE:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:428:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:H	2:B:429:SER:C	10	0.39
(1,2)	1:A:8:LEU:H	2:B:429:SER:CA	10	0.39
(1,2)	1:A:8:LEU:H	2:B:429:SER:CB	10	0.39
(1,2)	1:A:8:LEU:H	2:B:429:SER:H	10	0.39
(1,2)	1:A:8:LEU:H	2:B:429:SER:HG	10	0.39
(1,2)	1:A:8:LEU:H	2:B:429:SER:N	10	0.39
(1,2)	1:A:8:LEU:H	2:B:429:SER:O	10	0.39
(1,2)	1:A:8:LEU:H	2:B:429:SER:OG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:394:THR:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:394:THR:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:394:THR:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:394:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:394:THR:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:394:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:394:THR:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:394:THR:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:394:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:396:LYS:NZ	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:396:LYS:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:397:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:399:MET:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:399:MET:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:399:MET:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:399:MET:CE	10	0.39
(1,2)	1:A:8:LEU:N	2:B:399:MET:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:399:MET:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:399:MET:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:399:MET:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:399:MET:SD	10	0.39
(1,2)	1:A:8:LEU:N	2:B:400:ASP:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:400:ASP:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:400:ASP:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:400:ASP:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:401:LEU:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:401:LEU:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:401:LEU:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:401:LEU:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:402:GLY:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:402:GLY:CA	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:402:GLY:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:402:GLY:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:402:GLY:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:403:PHE:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:404:PRO:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CD	10	0.39
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:404:PRO:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:404:PRO:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:N	2:B:410:LYS:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE21	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:414:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:415:THR:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:415:THR:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:415:THR:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:415:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:415:THR:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:415:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:415:THR:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:415:THR:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:415:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:417:GLY:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:417:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:417:GLY:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:417:GLY:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:417:GLY:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD21	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD22	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:ND2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:418:ASN:OD1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:419:ALA:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:419:ALA:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:419:ALA:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:419:ALA:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:420:GLU:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CD	10	0.39
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:420:GLU:H	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:420:GLU:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:420:GLU:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:421:PHE:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:423:ALA:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:423:ALA:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:423:ALA:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:423:ALA:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:424:SER:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:424:SER:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:424:SER:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:424:SER:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:424:SER:HG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:424:SER:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:424:SER:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:424:SER:OG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:425:LEU:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:425:LEU:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:425:LEU:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:425:LEU:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CB	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:427:PHE:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:428:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:N	2:B:429:SER:C	10	0.39
(1,2)	1:A:8:LEU:N	2:B:429:SER:CA	10	0.39
(1,2)	1:A:8:LEU:N	2:B:429:SER:CB	10	0.39
(1,2)	1:A:8:LEU:N	2:B:429:SER:H	10	0.39
(1,2)	1:A:8:LEU:N	2:B:429:SER:HG	10	0.39
(1,2)	1:A:8:LEU:N	2:B:429:SER:N	10	0.39
(1,2)	1:A:8:LEU:N	2:B:429:SER:O	10	0.39
(1,2)	1:A:8:LEU:N	2:B:429:SER:OG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:394:THR:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:394:THR:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:394:THR:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:394:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:394:THR:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:394:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:394:THR:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:394:THR:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:394:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CD	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:NZ	10	0.39
(1,2)	1:A:8:LEU:O	2:B:396:LYS:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:397:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:399:MET:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:399:MET:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:399:MET:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:399:MET:CE	10	0.39
(1,2)	1:A:8:LEU:O	2:B:399:MET:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:399:MET:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:399:MET:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:399:MET:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:399:MET:SD	10	0.39
(1,2)	1:A:8:LEU:O	2:B:400:ASP:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:400:ASP:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:400:ASP:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:400:ASP:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:401:LEU:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CB	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:401:LEU:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:401:LEU:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:401:LEU:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:402:GLY:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:402:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:402:GLY:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:402:GLY:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:402:GLY:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:403:PHE:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:404:PRO:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CD	10	0.39
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:404:PRO:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:404:PRO:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CD	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CE	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ3	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:410:LYS:NZ	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:410:LYS:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:414:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:415:THR:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:415:THR:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:415:THR:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:415:THR:CG2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:415:THR:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:415:THR:HG1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:415:THR:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:415:THR:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:415:THR:OG1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:417:GLY:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:417:GLY:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:417:GLY:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:417:GLY:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:417:GLY:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD21	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD22	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:ND2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:418:ASN:OD1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:419:ALA:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:419:ALA:H	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:419:ALA:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:419:ALA:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:420:GLU:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CD	10	0.39
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:420:GLU:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:420:GLU:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:420:GLU:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:421:PHE:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:423:ALA:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:423:ALA:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:423:ALA:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:423:ALA:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:424:SER:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:424:SER:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:424:SER:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:424:SER:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:424:SER:HG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:424:SER:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:424:SER:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:424:SER:OG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:425:LEU:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD1	10	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:425:LEU:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:425:LEU:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:425:LEU:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CZ	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:427:PHE:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CD	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE21	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE22	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:NE2	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:428:GLN:OE1	10	0.39
(1,2)	1:A:8:LEU:O	2:B:429:SER:C	10	0.39
(1,2)	1:A:8:LEU:O	2:B:429:SER:CA	10	0.39
(1,2)	1:A:8:LEU:O	2:B:429:SER:CB	10	0.39
(1,2)	1:A:8:LEU:O	2:B:429:SER:H	10	0.39
(1,2)	1:A:8:LEU:O	2:B:429:SER:HG	10	0.39
(1,2)	1:A:8:LEU:O	2:B:429:SER:N	10	0.39
(1,2)	1:A:8:LEU:O	2:B:429:SER:O	10	0.39
(1,2)	1:A:8:LEU:O	2:B:429:SER:OG	10	0.39
(1,6)	1:A:47:GLY:C	2:B:394:THR:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:394:THR:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:394:THR:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:394:THR:CG2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:394:THR:H	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:394:THR:HG1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:394:THR:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:394:THR:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:394:THR:OG1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CD	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CE	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ3	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:NZ	7	0.38
(1,6)	1:A:47:GLY:C	2:B:396:LYS:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:397:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:399:MET:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:399:MET:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:399:MET:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:399:MET:CE	7	0.38
(1,6)	1:A:47:GLY:C	2:B:399:MET:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:399:MET:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:399:MET:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:399:MET:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:399:MET:SD	7	0.38
(1,6)	1:A:47:GLY:C	2:B:400:ASP:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CG	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:400:ASP:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:400:ASP:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:400:ASP:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:401:LEU:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:401:LEU:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:401:LEU:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:401:LEU:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:402:GLY:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:402:GLY:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:402:GLY:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:402:GLY:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:402:GLY:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:403:PHE:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:404:PRO:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CD	7	0.38
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:404:PRO:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:404:PRO:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CD	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CE	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ3	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:NZ	7	0.38
(1,6)	1:A:47:GLY:C	2:B:410:LYS:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:414:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:415:THR:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:415:THR:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:415:THR:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:415:THR:CG2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:415:THR:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:415:THR:HG1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:415:THR:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:415:THR:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:415:THR:OG1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:417:GLY:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:417:GLY:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:417:GLY:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:417:GLY:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:417:GLY:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:418:ASN:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:418:ASN:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD21	7	0.38
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD22	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:418:ASN:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:418:ASN:ND2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:418:ASN:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:418:ASN:OD1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:419:ALA:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:419:ALA:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:419:ALA:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:419:ALA:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:420:GLU:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CD	7	0.38
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:420:GLU:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:420:GLU:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:420:GLU:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:421:PHE:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:423:ALA:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:423:ALA:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:423:ALA:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:423:ALA:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:424:SER:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:424:SER:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:424:SER:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:424:SER:H	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:424:SER:HG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:424:SER:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:424:SER:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:424:SER:OG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:425:LEU:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:425:LEU:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:425:LEU:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:425:LEU:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:427:PHE:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:428:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:C	2:B:429:SER:C	7	0.38
(1,6)	1:A:47:GLY:C	2:B:429:SER:CA	7	0.38
(1,6)	1:A:47:GLY:C	2:B:429:SER:CB	7	0.38
(1,6)	1:A:47:GLY:C	2:B:429:SER:H	7	0.38
(1,6)	1:A:47:GLY:C	2:B:429:SER:HG	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:429:SER:N	7	0.38
(1,6)	1:A:47:GLY:C	2:B:429:SER:O	7	0.38
(1,6)	1:A:47:GLY:C	2:B:429:SER:OG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:394:THR:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CG2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:394:THR:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:394:THR:HG1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:394:THR:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:394:THR:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:394:THR:OG1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CD	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CE	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ3	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:NZ	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:399:MET:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CE	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CG	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:399:MET:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:399:MET:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:399:MET:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:399:MET:SD	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CB	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CD	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CD	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CE	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ3	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:NZ	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:415:THR:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CG2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:415:THR:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:415:THR:HG1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:415:THR:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:415:THR:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:415:THR:OG1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:N	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD21	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD22	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:ND2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:OD1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CD	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CA	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:424:SER:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:424:SER:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:424:SER:HG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:424:SER:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:424:SER:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:424:SER:OG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:N	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:429:SER:C	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CA	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CB	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:429:SER:H	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:429:SER:HG	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:429:SER:N	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:429:SER:O	7	0.38
(1,6)	1:A:47:GLY:CA	2:B:429:SER:OG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:394:THR:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:394:THR:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:394:THR:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:394:THR:CG2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:394:THR:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:394:THR:HG1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:394:THR:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:394:THR:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:394:THR:OG1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CD	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CE	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ3	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:NZ	7	0.38
(1,6)	1:A:47:GLY:H	2:B:396:LYS:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:N	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:397:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:397:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:399:MET:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:399:MET:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:399:MET:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:399:MET:CE	7	0.38
(1,6)	1:A:47:GLY:H	2:B:399:MET:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:399:MET:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:399:MET:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:399:MET:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:399:MET:SD	7	0.38
(1,6)	1:A:47:GLY:H	2:B:400:ASP:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:400:ASP:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:400:ASP:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:400:ASP:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:401:LEU:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:401:LEU:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:401:LEU:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:401:LEU:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:402:GLY:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:402:GLY:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:402:GLY:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:402:GLY:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:402:GLY:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE2	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:403:PHE:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:404:PRO:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CD	7	0.38
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:404:PRO:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:404:PRO:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CD	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CE	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ3	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:NZ	7	0.38
(1,6)	1:A:47:GLY:H	2:B:410:LYS:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:414:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:415:THR:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:415:THR:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:415:THR:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:415:THR:CG2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:415:THR:H	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:415:THR:HG1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:415:THR:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:415:THR:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:415:THR:OG1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:417:GLY:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:417:GLY:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:417:GLY:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:417:GLY:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:417:GLY:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD21	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD22	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:ND2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:418:ASN:OD1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:419:ALA:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:419:ALA:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:419:ALA:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:419:ALA:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:420:GLU:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CD	7	0.38
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:420:GLU:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:420:GLU:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:420:GLU:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE1	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:421:PHE:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:423:ALA:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:423:ALA:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:423:ALA:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:423:ALA:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:424:SER:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:424:SER:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:424:SER:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:424:SER:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:424:SER:HG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:424:SER:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:424:SER:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:424:SER:OG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:425:LEU:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:425:LEU:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:425:LEU:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:425:LEU:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:427:PHE:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:C	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:428:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:H	2:B:429:SER:C	7	0.38
(1,6)	1:A:47:GLY:H	2:B:429:SER:CA	7	0.38
(1,6)	1:A:47:GLY:H	2:B:429:SER:CB	7	0.38
(1,6)	1:A:47:GLY:H	2:B:429:SER:H	7	0.38
(1,6)	1:A:47:GLY:H	2:B:429:SER:HG	7	0.38
(1,6)	1:A:47:GLY:H	2:B:429:SER:N	7	0.38
(1,6)	1:A:47:GLY:H	2:B:429:SER:O	7	0.38
(1,6)	1:A:47:GLY:H	2:B:429:SER:OG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:394:THR:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:394:THR:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:394:THR:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:394:THR:CG2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:394:THR:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:394:THR:HG1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:394:THR:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:394:THR:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:394:THR:OG1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CD	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CE	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ3	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:NZ	7	0.38
(1,6)	1:A:47:GLY:N	2:B:396:LYS:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:C	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:397:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:399:MET:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:399:MET:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:399:MET:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:399:MET:CE	7	0.38
(1,6)	1:A:47:GLY:N	2:B:399:MET:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:399:MET:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:399:MET:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:399:MET:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:399:MET:SD	7	0.38
(1,6)	1:A:47:GLY:N	2:B:400:ASP:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:400:ASP:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:400:ASP:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:400:ASP:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:401:LEU:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:401:LEU:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:401:LEU:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:401:LEU:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:402:GLY:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:402:GLY:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:402:GLY:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:402:GLY:N	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:402:GLY:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:403:PHE:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:404:PRO:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CD	7	0.38
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:404:PRO:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:404:PRO:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CD	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CE	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ3	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:NZ	7	0.38
(1,6)	1:A:47:GLY:N	2:B:410:LYS:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:N	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:414:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:414:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:415:THR:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:415:THR:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:415:THR:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:415:THR:CG2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:415:THR:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:415:THR:HG1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:415:THR:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:415:THR:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:415:THR:OG1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:417:GLY:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:417:GLY:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:417:GLY:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:417:GLY:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:417:GLY:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD21	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD22	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:ND2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:418:ASN:OD1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:419:ALA:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:419:ALA:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:419:ALA:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:419:ALA:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:420:GLU:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CD	7	0.38
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:420:GLU:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:420:GLU:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:420:GLU:O	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:421:PHE:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:423:ALA:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:423:ALA:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:423:ALA:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:423:ALA:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:424:SER:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:424:SER:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:424:SER:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:424:SER:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:424:SER:HG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:424:SER:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:424:SER:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:424:SER:OG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:425:LEU:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:425:LEU:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:425:LEU:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:425:LEU:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD2	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:427:PHE:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:428:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:N	2:B:429:SER:C	7	0.38
(1,6)	1:A:47:GLY:N	2:B:429:SER:CA	7	0.38
(1,6)	1:A:47:GLY:N	2:B:429:SER:CB	7	0.38
(1,6)	1:A:47:GLY:N	2:B:429:SER:H	7	0.38
(1,6)	1:A:47:GLY:N	2:B:429:SER:HG	7	0.38
(1,6)	1:A:47:GLY:N	2:B:429:SER:N	7	0.38
(1,6)	1:A:47:GLY:N	2:B:429:SER:O	7	0.38
(1,6)	1:A:47:GLY:N	2:B:429:SER:OG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:394:THR:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:394:THR:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:394:THR:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:394:THR:CG2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:394:THR:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:394:THR:HG1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:394:THR:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:394:THR:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:394:THR:OG1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CD	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CE	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CG	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:396:LYS:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ3	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:NZ	7	0.38
(1,6)	1:A:47:GLY:O	2:B:396:LYS:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:397:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:399:MET:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:399:MET:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:399:MET:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:399:MET:CE	7	0.38
(1,6)	1:A:47:GLY:O	2:B:399:MET:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:399:MET:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:399:MET:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:399:MET:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:399:MET:SD	7	0.38
(1,6)	1:A:47:GLY:O	2:B:400:ASP:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:400:ASP:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:400:ASP:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:400:ASP:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:401:LEU:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD2	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:401:LEU:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:401:LEU:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:401:LEU:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:402:GLY:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:402:GLY:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:402:GLY:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:402:GLY:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:402:GLY:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:403:PHE:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:404:PRO:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CD	7	0.38
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:404:PRO:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:404:PRO:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CD	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CE	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ3	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:NZ	7	0.38
(1,6)	1:A:47:GLY:O	2:B:410:LYS:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:C	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:414:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:415:THR:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:415:THR:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:415:THR:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:415:THR:CG2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:415:THR:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:415:THR:HG1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:415:THR:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:415:THR:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:415:THR:OG1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:417:GLY:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:417:GLY:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:417:GLY:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:417:GLY:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:417:GLY:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD21	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD22	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:ND2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:418:ASN:OD1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:419:ALA:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:419:ALA:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:419:ALA:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:419:ALA:O	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:420:GLU:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CD	7	0.38
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:420:GLU:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:420:GLU:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:420:GLU:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:421:PHE:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:423:ALA:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:423:ALA:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:423:ALA:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:423:ALA:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:424:SER:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:424:SER:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:424:SER:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:424:SER:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:424:SER:HG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:424:SER:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:424:SER:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:424:SER:OG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:425:LEU:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CG	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:425:LEU:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:425:LEU:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:425:LEU:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CZ	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:427:PHE:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CD	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE21	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE22	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:NE2	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:428:GLN:OE1	7	0.38
(1,6)	1:A:47:GLY:O	2:B:429:SER:C	7	0.38
(1,6)	1:A:47:GLY:O	2:B:429:SER:CA	7	0.38
(1,6)	1:A:47:GLY:O	2:B:429:SER:CB	7	0.38
(1,6)	1:A:47:GLY:O	2:B:429:SER:H	7	0.38
(1,6)	1:A:47:GLY:O	2:B:429:SER:HG	7	0.38
(1,6)	1:A:47:GLY:O	2:B:429:SER:N	7	0.38
(1,6)	1:A:47:GLY:O	2:B:429:SER:O	7	0.38
(1,6)	1:A:47:GLY:O	2:B:429:SER:OG	7	0.38
(1,11)	1:A:71:LEU:C	2:B:394:THR:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:394:THR:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:394:THR:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:394:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:394:THR:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:394:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:394:THR:N	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:394:THR:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:394:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:C	2:B:396:LYS:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:397:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:399:MET:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:399:MET:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:399:MET:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:399:MET:CE	3	0.38
(1,11)	1:A:71:LEU:C	2:B:399:MET:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:399:MET:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:399:MET:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:399:MET:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:399:MET:SD	3	0.38
(1,11)	1:A:71:LEU:C	2:B:400:ASP:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:400:ASP:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:400:ASP:N	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:400:ASP:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:401:LEU:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:401:LEU:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:401:LEU:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:401:LEU:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:402:GLY:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:402:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:402:GLY:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:402:GLY:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:402:GLY:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:403:PHE:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:404:PRO:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CD	3	0.38
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:404:PRO:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:404:PRO:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CG	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:410:LYS:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:C	2:B:410:LYS:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:414:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:415:THR:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:415:THR:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:415:THR:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:415:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:415:THR:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:415:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:415:THR:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:415:THR:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:415:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:417:GLY:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:417:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:417:GLY:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:417:GLY:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:417:GLY:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:418:ASN:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:418:ASN:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD21	3	0.38
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD22	3	0.38
(1,11)	1:A:71:LEU:C	2:B:418:ASN:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:418:ASN:ND2	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:418:ASN:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:418:ASN:OD1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:419:ALA:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:419:ALA:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:419:ALA:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:419:ALA:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:420:GLU:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CD	3	0.38
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:420:GLU:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:420:GLU:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:420:GLU:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:421:PHE:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:423:ALA:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:423:ALA:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:423:ALA:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:423:ALA:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:424:SER:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:424:SER:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:424:SER:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:424:SER:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:424:SER:HG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:424:SER:N	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:424:SER:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:424:SER:OG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:425:LEU:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:425:LEU:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:425:LEU:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:425:LEU:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:427:PHE:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:O	3	0.38
(1,11)	1:A:71:LEU:C	2:B:428:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:C	2:B:429:SER:C	3	0.38
(1,11)	1:A:71:LEU:C	2:B:429:SER:CA	3	0.38
(1,11)	1:A:71:LEU:C	2:B:429:SER:CB	3	0.38
(1,11)	1:A:71:LEU:C	2:B:429:SER:H	3	0.38
(1,11)	1:A:71:LEU:C	2:B:429:SER:HG	3	0.38
(1,11)	1:A:71:LEU:C	2:B:429:SER:N	3	0.38
(1,11)	1:A:71:LEU:C	2:B:429:SER:O	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:429:SER:OG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:394:THR:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:394:THR:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:394:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:394:THR:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:394:THR:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:394:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:399:MET:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CE	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:399:MET:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:399:MET:N	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:399:MET:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:399:MET:SD	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CD	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CG	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:415:THR:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:415:THR:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:415:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:415:THR:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:415:THR:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:415:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:C	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD21	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD22	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:ND2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:OD1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CD	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:H	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:424:SER:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:424:SER:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:424:SER:HG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:424:SER:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:424:SER:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:424:SER:OG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:O	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:429:SER:C	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CA	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CB	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:429:SER:H	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:429:SER:HG	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:429:SER:N	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:429:SER:O	3	0.38
(1,11)	1:A:71:LEU:CA	2:B:429:SER:OG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:394:THR:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:394:THR:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:394:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:394:THR:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:394:THR:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:394:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:O	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:399:MET:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CE	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:399:MET:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:399:MET:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:399:MET:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:399:MET:SD	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CZ	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CD	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:415:THR:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:415:THR:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:415:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:415:THR:N	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:415:THR:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:415:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD21	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD22	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:ND2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:OD1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CD	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CG	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:424:SER:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:424:SER:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:424:SER:HG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:424:SER:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:424:SER:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:424:SER:OG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CB	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:429:SER:C	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CA	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CB	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:429:SER:H	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:429:SER:HG	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:429:SER:N	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:429:SER:O	3	0.38
(1,11)	1:A:71:LEU:CB	2:B:429:SER:OG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CB	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CE	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:SD	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:C	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CD	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:O	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD21	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD22	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:ND2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:OD1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CD	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE2	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:HG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:OG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE2	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:C	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CA	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CB	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:H	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:HG	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:N	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:O	3	0.38
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:OG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ1	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CE	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:SD	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:H	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CD	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CB	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD21	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD22	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:ND2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:OD1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CA	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CD	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:HG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:OG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:N	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:C	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CA	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CB	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:H	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:HG	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:N	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:O	3	0.38
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:OG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:394:THR:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:394:THR:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:394:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:394:THR:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:394:THR:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:394:THR:OG1	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:399:MET:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CE	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:399:MET:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:399:MET:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:399:MET:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:399:MET:SD	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD1	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CD	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ1	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:415:THR:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:415:THR:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:415:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:415:THR:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:415:THR:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:415:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD21	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD22	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:ND2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:OD1	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CD	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:424:SER:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:424:SER:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:424:SER:HG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:424:SER:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:424:SER:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:424:SER:OG	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:429:SER:C	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CA	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CB	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:429:SER:H	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:429:SER:HG	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:429:SER:N	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:429:SER:O	3	0.38
(1,11)	1:A:71:LEU:CG	2:B:429:SER:OG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:394:THR:C	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:394:THR:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:394:THR:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:394:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:394:THR:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:394:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:394:THR:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:394:THR:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:394:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:H	2:B:396:LYS:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:397:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:399:MET:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:399:MET:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:399:MET:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:399:MET:CE	3	0.38
(1,11)	1:A:71:LEU:H	2:B:399:MET:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:399:MET:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:399:MET:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:399:MET:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:399:MET:SD	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:400:ASP:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:400:ASP:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:400:ASP:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:400:ASP:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:401:LEU:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:401:LEU:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:401:LEU:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:401:LEU:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:402:GLY:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:402:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:402:GLY:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:402:GLY:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:402:GLY:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:403:PHE:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:404:PRO:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CD	3	0.38
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:404:PRO:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:404:PRO:O	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:410:LYS:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:H	2:B:410:LYS:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:414:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:415:THR:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:415:THR:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:415:THR:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:415:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:415:THR:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:415:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:415:THR:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:415:THR:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:415:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:417:GLY:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:417:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:417:GLY:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:417:GLY:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:417:GLY:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:418:ASN:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CB	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:418:ASN:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD21	3	0.38
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD22	3	0.38
(1,11)	1:A:71:LEU:H	2:B:418:ASN:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:418:ASN:ND2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:418:ASN:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:418:ASN:OD1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:419:ALA:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:419:ALA:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:419:ALA:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:419:ALA:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:420:GLU:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CD	3	0.38
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:420:GLU:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:420:GLU:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:420:GLU:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:421:PHE:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:423:ALA:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:423:ALA:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:423:ALA:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:423:ALA:O	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:424:SER:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:424:SER:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:424:SER:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:424:SER:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:424:SER:HG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:424:SER:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:424:SER:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:424:SER:OG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:425:LEU:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:425:LEU:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:425:LEU:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:425:LEU:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:427:PHE:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:C	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:428:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:H	2:B:429:SER:C	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:429:SER:CA	3	0.38
(1,11)	1:A:71:LEU:H	2:B:429:SER:CB	3	0.38
(1,11)	1:A:71:LEU:H	2:B:429:SER:H	3	0.38
(1,11)	1:A:71:LEU:H	2:B:429:SER:HG	3	0.38
(1,11)	1:A:71:LEU:H	2:B:429:SER:N	3	0.38
(1,11)	1:A:71:LEU:H	2:B:429:SER:O	3	0.38
(1,11)	1:A:71:LEU:H	2:B:429:SER:OG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:394:THR:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:394:THR:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:394:THR:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:394:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:394:THR:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:394:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:394:THR:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:394:THR:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:394:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:N	2:B:396:LYS:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:397:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:399:MET:C	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:399:MET:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:399:MET:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:399:MET:CE	3	0.38
(1,11)	1:A:71:LEU:N	2:B:399:MET:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:399:MET:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:399:MET:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:399:MET:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:399:MET:SD	3	0.38
(1,11)	1:A:71:LEU:N	2:B:400:ASP:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:400:ASP:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:400:ASP:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:400:ASP:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:401:LEU:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:401:LEU:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:401:LEU:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:401:LEU:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:402:GLY:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:402:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:402:GLY:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:402:GLY:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:402:GLY:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:403:PHE:N	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:403:PHE:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:404:PRO:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CD	3	0.38
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:404:PRO:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:404:PRO:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:N	2:B:410:LYS:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:414:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:415:THR:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:415:THR:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:415:THR:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:415:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:415:THR:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:415:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:415:THR:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:415:THR:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:415:THR:OG1	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:417:GLY:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:417:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:417:GLY:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:417:GLY:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:417:GLY:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD21	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD22	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:ND2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:418:ASN:OD1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:419:ALA:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:419:ALA:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:419:ALA:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:419:ALA:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:420:GLU:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CD	3	0.38
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:420:GLU:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:420:GLU:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:420:GLU:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:H	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:421:PHE:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:421:PHE:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:423:ALA:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:423:ALA:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:423:ALA:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:423:ALA:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:424:SER:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:424:SER:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:424:SER:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:424:SER:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:424:SER:HG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:424:SER:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:424:SER:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:424:SER:OG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:425:LEU:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:425:LEU:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:425:LEU:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:425:LEU:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:427:PHE:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CG	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:428:GLN:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:428:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:N	2:B:429:SER:C	3	0.38
(1,11)	1:A:71:LEU:N	2:B:429:SER:CA	3	0.38
(1,11)	1:A:71:LEU:N	2:B:429:SER:CB	3	0.38
(1,11)	1:A:71:LEU:N	2:B:429:SER:H	3	0.38
(1,11)	1:A:71:LEU:N	2:B:429:SER:HG	3	0.38
(1,11)	1:A:71:LEU:N	2:B:429:SER:N	3	0.38
(1,11)	1:A:71:LEU:N	2:B:429:SER:O	3	0.38
(1,11)	1:A:71:LEU:N	2:B:429:SER:OG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:394:THR:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:394:THR:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:394:THR:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:394:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:394:THR:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:394:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:394:THR:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:394:THR:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:394:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:O	2:B:396:LYS:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CG	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:397:GLN:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:397:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:399:MET:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:399:MET:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:399:MET:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:399:MET:CE	3	0.38
(1,11)	1:A:71:LEU:O	2:B:399:MET:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:399:MET:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:399:MET:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:399:MET:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:399:MET:SD	3	0.38
(1,11)	1:A:71:LEU:O	2:B:400:ASP:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:400:ASP:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:400:ASP:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:400:ASP:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:401:LEU:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:401:LEU:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:401:LEU:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:401:LEU:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:402:GLY:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:402:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:402:GLY:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:402:GLY:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:402:GLY:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CB	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:403:PHE:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:404:PRO:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CD	3	0.38
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:404:PRO:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:404:PRO:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CD	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CE	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ3	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:NZ	3	0.38
(1,11)	1:A:71:LEU:O	2:B:410:LYS:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:414:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:415:THR:C	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:415:THR:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:415:THR:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:415:THR:CG2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:415:THR:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:415:THR:HG1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:415:THR:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:415:THR:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:415:THR:OG1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:417:GLY:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:417:GLY:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:417:GLY:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:417:GLY:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:417:GLY:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD21	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD22	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:ND2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:418:ASN:OD1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:419:ALA:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:419:ALA:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:419:ALA:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:419:ALA:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:420:GLU:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CD	3	0.38
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:420:GLU:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:420:GLU:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:420:GLU:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CA	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CZ	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:421:PHE:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:423:ALA:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:423:ALA:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:423:ALA:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:423:ALA:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:424:SER:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:424:SER:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:424:SER:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:424:SER:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:424:SER:HG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:424:SER:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:424:SER:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:424:SER:OG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:425:LEU:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:425:LEU:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:425:LEU:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:425:LEU:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CZ	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:427:PHE:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:427:PHE:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CD	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE21	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE22	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:NE2	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:428:GLN:OE1	3	0.38
(1,11)	1:A:71:LEU:O	2:B:429:SER:C	3	0.38
(1,11)	1:A:71:LEU:O	2:B:429:SER:CA	3	0.38
(1,11)	1:A:71:LEU:O	2:B:429:SER:CB	3	0.38
(1,11)	1:A:71:LEU:O	2:B:429:SER:H	3	0.38
(1,11)	1:A:71:LEU:O	2:B:429:SER:HG	3	0.38
(1,11)	1:A:71:LEU:O	2:B:429:SER:N	3	0.38
(1,11)	1:A:71:LEU:O	2:B:429:SER:O	3	0.38
(1,11)	1:A:71:LEU:O	2:B:429:SER:OG	3	0.38
(1,8)	1:A:49:GLN:C	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ3	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:C	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:401:LEU:O	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:C	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CG	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CD	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:C	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:C	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CA	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:C	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ3	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CA	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CA	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:CA	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CB	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CA	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CA	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:H	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CA	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CB	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:CB	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CB	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:C	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:CA	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:O	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE21	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:CD	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE21	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD2	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CB	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD1	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:N	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:CG	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:396:LYS:NZ	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:402:GLY:CA	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:H	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE21	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:H	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CB	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:H	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CD	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CB	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:NZ	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:H	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD1	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:H	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CG	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CD	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD22	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:H	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:HG	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:N	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:CG	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CB	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:N	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:417:GLY:N	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CA	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:N	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:N	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:N	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE2	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:H	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE1	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:C	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:O	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:C	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:402:GLY:N	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:O	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:N	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:419:ALA:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:O	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD2	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:O	2:B:429:SER:OG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CG	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CE	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:SD	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD2	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CD	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CD	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CE	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ3	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:NZ	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:C	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CG2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:HG1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:OG1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD21	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD22	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:ND2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:OD1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:O	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CD	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:HG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:OG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CG	4	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CZ	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CD	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE21	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE22	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:NE2	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:OE1	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:C	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CA	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CB	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:H	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:HG	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:N	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:O	4	0.37
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:OG	4	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	3	0.37
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	3	0.37
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	3	0.37
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	3	0.37
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	3	0.37
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	3	0.37
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	3	0.37
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	3	0.37
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	3	0.37
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	3	0.37
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	3	0.37
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	3	0.37
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	3	0.37
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	3	0.37
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	3	0.37
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	3	0.37
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	3	0.37
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	3	0.37
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	3	0.37
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	3	0.37
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	3	0.37
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	3	0.37
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	6	0.34
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	6	0.34
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	6	0.34
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	6	0.34
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	6	0.34
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	6	0.34
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	6	0.34
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	6	0.34
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	6	0.34
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	6	0.34
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	6	0.34
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	6	0.34
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	6	0.34
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	6	0.34
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	6	0.34
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	6	0.34
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	6	0.34
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	6	0.34
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	6	0.34
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	6	0.34
(1,11)	1:A:71:LEU:C	2:B:394:THR:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:394:THR:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:394:THR:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:394:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:394:THR:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:394:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:394:THR:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:394:THR:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:394:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ3	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:396:LYS:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:C	2:B:396:LYS:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:397:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:399:MET:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:399:MET:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:399:MET:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:399:MET:CE	5	0.34
(1,11)	1:A:71:LEU:C	2:B:399:MET:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:399:MET:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:399:MET:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:399:MET:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:399:MET:SD	5	0.34
(1,11)	1:A:71:LEU:C	2:B:400:ASP:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:400:ASP:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:400:ASP:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:400:ASP:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:401:LEU:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:401:LEU:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:401:LEU:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:401:LEU:O	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:402:GLY:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:402:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:402:GLY:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:402:GLY:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:402:GLY:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:403:PHE:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:404:PRO:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CD	5	0.34
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:404:PRO:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:404:PRO:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:C	2:B:410:LYS:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CG	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:414:GLN:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:414:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:415:THR:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:415:THR:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:415:THR:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:415:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:415:THR:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:415:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:415:THR:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:415:THR:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:415:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:417:GLY:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:417:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:417:GLY:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:417:GLY:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:417:GLY:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD21	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD22	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:ND2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:418:ASN:OD1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:419:ALA:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:419:ALA:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:419:ALA:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:419:ALA:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:420:GLU:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CD	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:420:GLU:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:420:GLU:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:420:GLU:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:421:PHE:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:423:ALA:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:423:ALA:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:423:ALA:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:423:ALA:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:424:SER:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:424:SER:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:424:SER:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:424:SER:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:424:SER:HG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:424:SER:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:424:SER:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:424:SER:OG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:425:LEU:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:425:LEU:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:425:LEU:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:425:LEU:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:C	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:427:PHE:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:428:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:C	2:B:429:SER:C	5	0.34
(1,11)	1:A:71:LEU:C	2:B:429:SER:CA	5	0.34
(1,11)	1:A:71:LEU:C	2:B:429:SER:CB	5	0.34
(1,11)	1:A:71:LEU:C	2:B:429:SER:H	5	0.34
(1,11)	1:A:71:LEU:C	2:B:429:SER:HG	5	0.34
(1,11)	1:A:71:LEU:C	2:B:429:SER:N	5	0.34
(1,11)	1:A:71:LEU:C	2:B:429:SER:O	5	0.34
(1,11)	1:A:71:LEU:C	2:B:429:SER:OG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:394:THR:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:394:THR:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:394:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:394:THR:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:394:THR:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:394:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CA	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:399:MET:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CE	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:399:MET:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:399:MET:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:399:MET:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:399:MET:SD	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:C	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CD	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ3	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:415:THR:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:415:THR:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:415:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:415:THR:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:415:THR:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:415:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD21	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD22	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:ND2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:OD1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CA	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CD	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:424:SER:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:424:SER:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:424:SER:HG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:424:SER:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:424:SER:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:424:SER:OG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CA	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:429:SER:C	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CA	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CB	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:429:SER:H	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:429:SER:HG	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:429:SER:N	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:429:SER:O	5	0.34
(1,11)	1:A:71:LEU:CA	2:B:429:SER:OG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:394:THR:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CB	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:394:THR:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:394:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:394:THR:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:394:THR:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:394:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:399:MET:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CE	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:399:MET:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:399:MET:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:399:MET:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:399:MET:SD	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CA	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CD	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CA	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:415:THR:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:415:THR:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:415:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:415:THR:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:415:THR:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:415:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:H	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD21	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD22	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:ND2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:OD1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CD	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:424:SER:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CA	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:424:SER:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:424:SER:HG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:424:SER:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:424:SER:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:424:SER:OG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:429:SER:C	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CA	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CB	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:429:SER:H	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:429:SER:HG	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:429:SER:N	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:429:SER:O	5	0.34
(1,11)	1:A:71:LEU:CB	2:B:429:SER:OG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CB	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CE	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:SD	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:C	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CD	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:CA	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD21	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD22	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:ND2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:OD1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CD	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:O	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:HG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:OG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE21	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:C	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CA	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CB	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:H	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:HG	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:N	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:O	5	0.34
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:OG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE21	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CE	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:SD	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD2	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CD	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CB	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD21	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD22	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:ND2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:OD1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CD	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD1	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:HG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:OG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:N	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:C	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CA	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CB	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:H	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:HG	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:N	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:O	5	0.34
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:OG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:394:THR:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:394:THR:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:394:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:394:THR:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:394:THR:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:394:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:NZ	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:399:MET:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CE	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:399:MET:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:399:MET:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:399:MET:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:399:MET:SD	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:CA	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CD	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE21	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:415:THR:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:415:THR:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:415:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:415:THR:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:415:THR:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:415:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD21	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD22	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:ND2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:OD1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CD	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:H	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:424:SER:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:424:SER:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:424:SER:HG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:424:SER:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:424:SER:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:424:SER:OG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CB	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:429:SER:C	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CA	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CB	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:429:SER:H	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:429:SER:HG	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:429:SER:N	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:429:SER:O	5	0.34
(1,11)	1:A:71:LEU:CG	2:B:429:SER:OG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:394:THR:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:394:THR:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:394:THR:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:394:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:394:THR:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:394:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:394:THR:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:394:THR:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:394:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CD	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:H	2:B:396:LYS:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:397:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:399:MET:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:399:MET:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:399:MET:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:399:MET:CE	5	0.34
(1,11)	1:A:71:LEU:H	2:B:399:MET:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:399:MET:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:399:MET:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:399:MET:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:399:MET:SD	5	0.34
(1,11)	1:A:71:LEU:H	2:B:400:ASP:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:400:ASP:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:400:ASP:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:400:ASP:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:401:LEU:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CB	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:401:LEU:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:401:LEU:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:401:LEU:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:402:GLY:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:402:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:402:GLY:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:402:GLY:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:402:GLY:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:403:PHE:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:404:PRO:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CD	5	0.34
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:404:PRO:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:404:PRO:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:410:LYS:NZ	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:410:LYS:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:414:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:415:THR:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:415:THR:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:415:THR:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:415:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:415:THR:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:415:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:415:THR:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:415:THR:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:415:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:417:GLY:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:417:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:417:GLY:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:417:GLY:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:417:GLY:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD21	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD22	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:ND2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:418:ASN:OD1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:419:ALA:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:419:ALA:H	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:419:ALA:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:419:ALA:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:420:GLU:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CD	5	0.34
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:420:GLU:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:420:GLU:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:420:GLU:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:421:PHE:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:423:ALA:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:423:ALA:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:423:ALA:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:423:ALA:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:424:SER:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:424:SER:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:424:SER:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:424:SER:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:424:SER:HG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:424:SER:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:424:SER:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:424:SER:OG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:425:LEU:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD1	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:425:LEU:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:425:LEU:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:425:LEU:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:427:PHE:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:428:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:H	2:B:429:SER:C	5	0.34
(1,11)	1:A:71:LEU:H	2:B:429:SER:CA	5	0.34
(1,11)	1:A:71:LEU:H	2:B:429:SER:CB	5	0.34
(1,11)	1:A:71:LEU:H	2:B:429:SER:H	5	0.34
(1,11)	1:A:71:LEU:H	2:B:429:SER:HG	5	0.34
(1,11)	1:A:71:LEU:H	2:B:429:SER:N	5	0.34
(1,11)	1:A:71:LEU:H	2:B:429:SER:O	5	0.34
(1,11)	1:A:71:LEU:H	2:B:429:SER:OG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:394:THR:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:394:THR:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:394:THR:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:394:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:394:THR:H	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:394:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:394:THR:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:394:THR:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:394:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:N	2:B:396:LYS:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:397:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:399:MET:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:399:MET:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:399:MET:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:399:MET:CE	5	0.34
(1,11)	1:A:71:LEU:N	2:B:399:MET:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:399:MET:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:399:MET:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:399:MET:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:399:MET:SD	5	0.34
(1,11)	1:A:71:LEU:N	2:B:400:ASP:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CG	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:400:ASP:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:400:ASP:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:400:ASP:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:401:LEU:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:401:LEU:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:401:LEU:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:401:LEU:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:402:GLY:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:402:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:402:GLY:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:402:GLY:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:402:GLY:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:403:PHE:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:404:PRO:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CD	5	0.34
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:404:PRO:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:404:PRO:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CD	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:N	2:B:410:LYS:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:414:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:415:THR:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:415:THR:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:415:THR:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:415:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:415:THR:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:415:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:415:THR:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:415:THR:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:415:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:417:GLY:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:417:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:417:GLY:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:417:GLY:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:417:GLY:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:418:ASN:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:418:ASN:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD21	5	0.34
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD22	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:418:ASN:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:418:ASN:ND2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:418:ASN:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:418:ASN:OD1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:419:ALA:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:419:ALA:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:419:ALA:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:419:ALA:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:420:GLU:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CD	5	0.34
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:420:GLU:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:420:GLU:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:420:GLU:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:421:PHE:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:423:ALA:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:423:ALA:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:423:ALA:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:423:ALA:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:424:SER:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:424:SER:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:424:SER:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:424:SER:H	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:424:SER:HG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:424:SER:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:424:SER:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:424:SER:OG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:425:LEU:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:425:LEU:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:425:LEU:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:425:LEU:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:427:PHE:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:428:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:N	2:B:429:SER:C	5	0.34
(1,11)	1:A:71:LEU:N	2:B:429:SER:CA	5	0.34
(1,11)	1:A:71:LEU:N	2:B:429:SER:CB	5	0.34
(1,11)	1:A:71:LEU:N	2:B:429:SER:H	5	0.34
(1,11)	1:A:71:LEU:N	2:B:429:SER:HG	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:429:SER:N	5	0.34
(1,11)	1:A:71:LEU:N	2:B:429:SER:O	5	0.34
(1,11)	1:A:71:LEU:N	2:B:429:SER:OG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:394:THR:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:394:THR:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:394:THR:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:394:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:394:THR:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:394:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:394:THR:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:394:THR:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:394:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:O	2:B:396:LYS:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:397:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:399:MET:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:399:MET:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:399:MET:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:399:MET:CE	5	0.34
(1,11)	1:A:71:LEU:O	2:B:399:MET:CG	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:399:MET:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:399:MET:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:399:MET:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:399:MET:SD	5	0.34
(1,11)	1:A:71:LEU:O	2:B:400:ASP:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:400:ASP:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:400:ASP:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:400:ASP:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:401:LEU:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:401:LEU:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:401:LEU:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:401:LEU:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:402:GLY:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:402:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:402:GLY:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:402:GLY:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:402:GLY:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:403:PHE:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:404:PRO:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CB	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CD	5	0.34
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:404:PRO:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:404:PRO:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CD	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CE	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ3	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:NZ	5	0.34
(1,11)	1:A:71:LEU:O	2:B:410:LYS:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:414:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:415:THR:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:415:THR:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:415:THR:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:415:THR:CG2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:415:THR:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:415:THR:HG1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:415:THR:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:415:THR:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:415:THR:OG1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:417:GLY:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:417:GLY:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:417:GLY:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:417:GLY:N	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:417:GLY:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD21	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD22	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:ND2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:418:ASN:OD1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:419:ALA:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:419:ALA:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:419:ALA:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:419:ALA:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:420:GLU:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CD	5	0.34
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:420:GLU:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:420:GLU:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:420:GLU:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:421:PHE:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:423:ALA:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CA	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:423:ALA:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:423:ALA:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:423:ALA:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:424:SER:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:424:SER:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:424:SER:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:424:SER:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:424:SER:HG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:424:SER:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:424:SER:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:424:SER:OG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:425:LEU:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:425:LEU:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:425:LEU:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:425:LEU:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CZ	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:427:PHE:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CD	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE21	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE22	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:N	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:428:GLN:NE2	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:428:GLN:OE1	5	0.34
(1,11)	1:A:71:LEU:O	2:B:429:SER:C	5	0.34
(1,11)	1:A:71:LEU:O	2:B:429:SER:CA	5	0.34
(1,11)	1:A:71:LEU:O	2:B:429:SER:CB	5	0.34
(1,11)	1:A:71:LEU:O	2:B:429:SER:H	5	0.34
(1,11)	1:A:71:LEU:O	2:B:429:SER:HG	5	0.34
(1,11)	1:A:71:LEU:O	2:B:429:SER:N	5	0.34
(1,11)	1:A:71:LEU:O	2:B:429:SER:O	5	0.34
(1,11)	1:A:71:LEU:O	2:B:429:SER:OG	5	0.34
(1,10)	1:A:70:VAL:C	2:B:394:THR:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:394:THR:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:394:THR:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:394:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:394:THR:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:394:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:394:THR:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:394:THR:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:394:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:C	2:B:396:LYS:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:N	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:397:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:397:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:399:MET:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:399:MET:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:399:MET:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:399:MET:CE	8	0.34
(1,10)	1:A:70:VAL:C	2:B:399:MET:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:399:MET:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:399:MET:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:399:MET:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:399:MET:SD	8	0.34
(1,10)	1:A:70:VAL:C	2:B:400:ASP:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:400:ASP:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:400:ASP:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:400:ASP:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:401:LEU:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:401:LEU:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:401:LEU:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:401:LEU:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:402:GLY:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:402:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:402:GLY:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:402:GLY:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:402:GLY:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE2	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:403:PHE:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:404:PRO:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CD	8	0.34
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:404:PRO:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:404:PRO:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:C	2:B:410:LYS:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:414:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:415:THR:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:415:THR:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:415:THR:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:415:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:415:THR:H	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:415:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:415:THR:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:415:THR:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:415:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:417:GLY:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:417:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:417:GLY:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:417:GLY:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:417:GLY:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD21	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD22	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:ND2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:418:ASN:OD1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:419:ALA:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:419:ALA:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:419:ALA:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:419:ALA:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:420:GLU:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CD	8	0.34
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:420:GLU:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:420:GLU:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:420:GLU:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE1	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:421:PHE:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:423:ALA:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:423:ALA:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:423:ALA:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:423:ALA:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:424:SER:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:424:SER:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:424:SER:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:424:SER:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:424:SER:HG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:424:SER:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:424:SER:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:424:SER:OG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:425:LEU:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:425:LEU:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:425:LEU:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:425:LEU:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:427:PHE:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:C	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:428:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:C	2:B:429:SER:C	8	0.34
(1,10)	1:A:70:VAL:C	2:B:429:SER:CA	8	0.34
(1,10)	1:A:70:VAL:C	2:B:429:SER:CB	8	0.34
(1,10)	1:A:70:VAL:C	2:B:429:SER:H	8	0.34
(1,10)	1:A:70:VAL:C	2:B:429:SER:HG	8	0.34
(1,10)	1:A:70:VAL:C	2:B:429:SER:N	8	0.34
(1,10)	1:A:70:VAL:C	2:B:429:SER:O	8	0.34
(1,10)	1:A:70:VAL:C	2:B:429:SER:OG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:394:THR:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:394:THR:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:394:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:394:THR:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:394:THR:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:394:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:C	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:399:MET:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CE	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:399:MET:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:399:MET:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:399:MET:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:399:MET:SD	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:N	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CD	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:N	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:415:THR:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:415:THR:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:415:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:415:THR:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:415:THR:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:415:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD21	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD22	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:ND2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:OD1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CD	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:O	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:424:SER:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:424:SER:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:424:SER:HG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:424:SER:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:424:SER:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:424:SER:OG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD2	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:429:SER:C	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CA	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CB	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:429:SER:H	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:429:SER:HG	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:429:SER:N	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:429:SER:O	8	0.34
(1,10)	1:A:70:VAL:CA	2:B:429:SER:OG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:394:THR:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:394:THR:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:394:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:394:THR:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:394:THR:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:394:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CG	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:399:MET:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CE	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:399:MET:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:399:MET:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:399:MET:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:399:MET:SD	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD2	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CD	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:C	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:415:THR:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:415:THR:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:415:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:415:THR:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:415:THR:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:415:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD21	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD22	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:ND2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:OD1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:O	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CD	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:424:SER:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:424:SER:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:424:SER:HG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:424:SER:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:424:SER:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:424:SER:OG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CG	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:429:SER:C	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CA	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CB	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:429:SER:H	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:429:SER:HG	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:429:SER:N	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:429:SER:O	8	0.34
(1,10)	1:A:70:VAL:CB	2:B:429:SER:OG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:N	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CE	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:SD	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:N	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CD	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CG	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD21	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD22	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:ND2	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:OD1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CD	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:HG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:N	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:OG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:C	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CA	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CB	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:H	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:HG	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:N	8	0.34
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:O	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:OG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CE	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:N	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:SD	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CD	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CG	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:C	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD21	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD22	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:ND2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:OD1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CD	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:H	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:HG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:OG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:O	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:C	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CA	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CB	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:H	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:HG	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:N	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:O	8	0.34
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:OG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:394:THR:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:394:THR:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:394:THR:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:394:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:394:THR:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:394:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:394:THR:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:394:THR:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:394:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:H	2:B:396:LYS:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:397:GLN:O	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:397:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:399:MET:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:399:MET:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:399:MET:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:399:MET:CE	8	0.34
(1,10)	1:A:70:VAL:H	2:B:399:MET:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:399:MET:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:399:MET:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:399:MET:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:399:MET:SD	8	0.34
(1,10)	1:A:70:VAL:H	2:B:400:ASP:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:400:ASP:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:400:ASP:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:400:ASP:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:401:LEU:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:401:LEU:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:401:LEU:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:401:LEU:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:402:GLY:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:402:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:402:GLY:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:402:GLY:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:402:GLY:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CZ	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:403:PHE:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:403:PHE:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:404:PRO:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CD	8	0.34
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:404:PRO:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:404:PRO:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:H	2:B:410:LYS:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:414:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:415:THR:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:415:THR:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:415:THR:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:415:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:415:THR:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:415:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:415:THR:N	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:415:THR:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:415:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:417:GLY:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:417:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:417:GLY:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:417:GLY:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:417:GLY:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD21	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD22	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:ND2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:418:ASN:OD1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:419:ALA:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:419:ALA:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:419:ALA:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:419:ALA:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:420:GLU:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CD	8	0.34
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:420:GLU:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:420:GLU:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:420:GLU:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CG	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:421:PHE:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:423:ALA:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:423:ALA:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:423:ALA:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:423:ALA:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:424:SER:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:424:SER:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:424:SER:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:424:SER:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:424:SER:HG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:424:SER:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:424:SER:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:424:SER:OG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:425:LEU:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:425:LEU:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:425:LEU:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:425:LEU:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:427:PHE:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CB	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:428:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:H	2:B:429:SER:C	8	0.34
(1,10)	1:A:70:VAL:H	2:B:429:SER:CA	8	0.34
(1,10)	1:A:70:VAL:H	2:B:429:SER:CB	8	0.34
(1,10)	1:A:70:VAL:H	2:B:429:SER:H	8	0.34
(1,10)	1:A:70:VAL:H	2:B:429:SER:HG	8	0.34
(1,10)	1:A:70:VAL:H	2:B:429:SER:N	8	0.34
(1,10)	1:A:70:VAL:H	2:B:429:SER:O	8	0.34
(1,10)	1:A:70:VAL:H	2:B:429:SER:OG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:394:THR:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:394:THR:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:394:THR:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:394:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:394:THR:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:394:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:394:THR:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:394:THR:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:394:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:N	2:B:396:LYS:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CB	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:397:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:399:MET:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:399:MET:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:399:MET:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:399:MET:CE	8	0.34
(1,10)	1:A:70:VAL:N	2:B:399:MET:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:399:MET:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:399:MET:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:399:MET:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:399:MET:SD	8	0.34
(1,10)	1:A:70:VAL:N	2:B:400:ASP:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:400:ASP:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:400:ASP:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:400:ASP:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:401:LEU:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:401:LEU:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:401:LEU:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:401:LEU:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:402:GLY:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:402:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:402:GLY:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:402:GLY:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:402:GLY:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:C	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:403:PHE:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:404:PRO:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CD	8	0.34
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:404:PRO:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:404:PRO:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:N	2:B:410:LYS:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:414:GLN:O	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:414:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:415:THR:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:415:THR:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:415:THR:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:415:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:415:THR:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:415:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:415:THR:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:415:THR:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:415:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:417:GLY:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:417:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:417:GLY:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:417:GLY:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:417:GLY:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD21	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD22	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:ND2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:418:ASN:OD1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:419:ALA:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:419:ALA:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:419:ALA:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:419:ALA:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:420:GLU:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CD	8	0.34
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:420:GLU:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:420:GLU:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:420:GLU:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE2	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:421:PHE:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:421:PHE:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:423:ALA:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:423:ALA:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:423:ALA:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:423:ALA:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:424:SER:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:424:SER:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:424:SER:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:424:SER:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:424:SER:HG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:424:SER:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:424:SER:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:424:SER:OG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:425:LEU:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:425:LEU:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:425:LEU:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:425:LEU:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE2	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:427:PHE:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:428:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:N	2:B:429:SER:C	8	0.34
(1,10)	1:A:70:VAL:N	2:B:429:SER:CA	8	0.34
(1,10)	1:A:70:VAL:N	2:B:429:SER:CB	8	0.34
(1,10)	1:A:70:VAL:N	2:B:429:SER:H	8	0.34
(1,10)	1:A:70:VAL:N	2:B:429:SER:HG	8	0.34
(1,10)	1:A:70:VAL:N	2:B:429:SER:N	8	0.34
(1,10)	1:A:70:VAL:N	2:B:429:SER:O	8	0.34
(1,10)	1:A:70:VAL:N	2:B:429:SER:OG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:394:THR:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:394:THR:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:394:THR:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:394:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:394:THR:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:394:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:394:THR:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:394:THR:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:394:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ1	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:O	2:B:396:LYS:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:397:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:399:MET:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:399:MET:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:399:MET:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:399:MET:CE	8	0.34
(1,10)	1:A:70:VAL:O	2:B:399:MET:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:399:MET:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:399:MET:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:399:MET:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:399:MET:SD	8	0.34
(1,10)	1:A:70:VAL:O	2:B:400:ASP:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:400:ASP:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:400:ASP:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:400:ASP:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:401:LEU:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:401:LEU:H	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:401:LEU:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:401:LEU:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:402:GLY:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:402:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:402:GLY:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:402:GLY:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:402:GLY:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:403:PHE:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:404:PRO:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CD	8	0.34
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:404:PRO:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:404:PRO:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CD	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CE	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ3	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:NZ	8	0.34
(1,10)	1:A:70:VAL:O	2:B:410:LYS:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CB	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:414:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:415:THR:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:415:THR:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:415:THR:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:415:THR:CG2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:415:THR:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:415:THR:HG1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:415:THR:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:415:THR:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:415:THR:OG1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:417:GLY:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:417:GLY:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:417:GLY:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:417:GLY:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:417:GLY:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD21	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD22	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:ND2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:418:ASN:OD1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:419:ALA:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:419:ALA:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:419:ALA:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:419:ALA:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:420:GLU:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CA	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CD	8	0.34
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:420:GLU:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:420:GLU:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:420:GLU:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:421:PHE:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:423:ALA:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:423:ALA:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:423:ALA:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:423:ALA:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:424:SER:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:424:SER:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:424:SER:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:424:SER:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:424:SER:HG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:424:SER:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:424:SER:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:424:SER:OG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:425:LEU:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:425:LEU:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:425:LEU:N	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:425:LEU:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CZ	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:427:PHE:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CD	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE21	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE22	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:NE2	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:428:GLN:OE1	8	0.34
(1,10)	1:A:70:VAL:O	2:B:429:SER:C	8	0.34
(1,10)	1:A:70:VAL:O	2:B:429:SER:CA	8	0.34
(1,10)	1:A:70:VAL:O	2:B:429:SER:CB	8	0.34
(1,10)	1:A:70:VAL:O	2:B:429:SER:H	8	0.34
(1,10)	1:A:70:VAL:O	2:B:429:SER:HG	8	0.34
(1,10)	1:A:70:VAL:O	2:B:429:SER:N	8	0.34
(1,10)	1:A:70:VAL:O	2:B:429:SER:O	8	0.34
(1,10)	1:A:70:VAL:O	2:B:429:SER:OG	8	0.34
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	4	0.33
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	4	0.33
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	4	0.33
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	4	0.33
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	4	0.33
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	4	0.33
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	4	0.33
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	4	0.33
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	4	0.33
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	4	0.33
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	4	0.33
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	4	0.33
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	4	0.33
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	4	0.33
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	4	0.33
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	4	0.33
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	4	0.33
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	4	0.33
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	4	0.33
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	4	0.33
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	4	0.33
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	4	0.33
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	4	0.33
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	4	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	8	0.33
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	8	0.33
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	8	0.33
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	8	0.33
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	8	0.33
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	8	0.33
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	8	0.33
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	8	0.33
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	8	0.33
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	8	0.33
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	8	0.33
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	8	0.33
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	8	0.33
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	8	0.33
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	8	0.33
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	8	0.33
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	8	0.33
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	8	0.33
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	8	0.33
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	8	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	5	0.33
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	5	0.33
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	5	0.33
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	5	0.33
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	5	0.33
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	5	0.33
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	5	0.33
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	5	0.33
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	5	0.33
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	5	0.33
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	5	0.33
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	5	0.33
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	5	0.33
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	5	0.33
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	5	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	5	0.33
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	5	0.33
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	5	0.33
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	5	0.33
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	5	0.33
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	5	0.33
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	5	0.33
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	5	0.32
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	5	0.32
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	5	0.32
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	5	0.32
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	5	0.32
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	5	0.32
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	5	0.32
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	5	0.32
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	5	0.32
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	5	0.32
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	5	0.32
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	5	0.32
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	5	0.32
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	5	0.32
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	5	0.32
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	5	0.32
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	5	0.32
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	5	0.32
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	5	0.32
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	5	0.32
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	5	0.32
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	5	0.32
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	5	0.32
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	5	0.32
(1,20)	2:B:428:GLN:C	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CB	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:C	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:C	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:7:THR:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:9:THR:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:9:THR:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:10:GLY:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:C	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:34:GLU:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:37:PRO:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:37:PRO:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:38:PRO:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:HE22	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:44:ILE:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:45:PHE:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:46:ALA:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:C	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:H	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:49:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:51:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CG	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:59:TYR:OH	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:HD21	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:61:ILE:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:61:ILE:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:H	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:70:VAL:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:70:VAL:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CB	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:73:LEU:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:C	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:75:GLY:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:C	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:C	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:C	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:C	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:C	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CZ	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:9:THR:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CD1	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CE1	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:OE1	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:OH	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:HD21	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CB	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:9:THR:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:HE22	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CG	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:OH	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:HD21	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:N	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CZ	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ2	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:9:THR:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CG	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CB	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:OH	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:HD21	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CD2	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH22	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:9:THR:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:NZ	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:N	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HE	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:OE1	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:OH	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:HD21	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:H	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:H	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:7:THR:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:7:THR:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:9:THR:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:9:THR:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:10:GLY:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:H	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:12:THR:H	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:34:GLU:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:37:PRO:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:37:PRO:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:38:PRO:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:39:ASP:H	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NE	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:44:ILE:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:45:PHE:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:46:ALA:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:H	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:H	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:49:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:51:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:58:ASP:H	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:59:TYR:OH	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:HD21	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:61:ILE:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:61:ILE:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:66:THR:CG2	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:70:VAL:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:70:VAL:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HE	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:73:LEU:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:H	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:75:GLY:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:H	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:H	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:H	1:A:76:GLY:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:H	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:H	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CD2	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CB	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:OH	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:HD21	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NE	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CB	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:HE22	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:H	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CG	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:OH	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:HD21	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:H	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CB	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CZ	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:N	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:7:THR:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:9:THR:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:9:THR:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:10:GLY:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:N	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:34:GLU:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CD1	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:37:PRO:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:37:PRO:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:38:PRO:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:44:ILE:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CE1	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:45:PHE:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:46:ALA:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:N	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:49:GLN:OE1	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:51:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:59:TYR:OH	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:60:ASN:HD21	9	0.29
(1,20)	2:B:428:GLN:N	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:N	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:61:ILE:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:61:ILE:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:70:VAL:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:70:VAL:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:73:LEU:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:N	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:75:GLY:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:N	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:N	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:N	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:N	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:N	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CB	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:HE22	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CG	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:OH	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:HD21	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:N	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CZ	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ2	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:O	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:7:THR:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:9:THR:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:9:THR:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:10:GLY:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CG	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:O	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:34:GLU:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:37:PRO:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:37:PRO:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:38:PRO:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:44:ILE:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:45:PHE:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:46:ALA:O	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:O	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:49:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CB	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:51:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:59:TYR:OH	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:HD21	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:61:ILE:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:61:ILE:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:70:VAL:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:70:VAL:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CD2	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:73:LEU:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH22	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:O	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:75:GLY:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:O	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:O	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:O	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:O	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:O	1:A:76:GLY:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:NZ	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:OE1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:N	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HE	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CD2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CE1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CE2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CZ	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CE	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ3	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:NZ	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:HE21	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:HE22	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:NE2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:OE1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:OE1	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:OE2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:OD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:OD2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CD2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CE1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CE2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CZ	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:HH	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:OH	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:HD21	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:HD22	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:ND2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:OD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CG2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:H	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CG2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:HG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:OG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CD2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CE1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:HE2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:ND1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:NE2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CG1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CG2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CA	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CD1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CD2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CB	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CD	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CG	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CZ	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HE	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH11	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH12	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH21	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH22	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NE	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NH1	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NH2	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:C	9	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:O	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:C	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:CA	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:H	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:N	9	0.29
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:O	9	0.29
(1,5)	1:A:44:ILE:C	2:B:394:THR:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:394:THR:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:394:THR:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:394:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:394:THR:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:394:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:394:THR:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:394:THR:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:394:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:C	2:B:396:LYS:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:397:GLN:O	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:397:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:399:MET:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:399:MET:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:399:MET:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:399:MET:CE	7	0.28
(1,5)	1:A:44:ILE:C	2:B:399:MET:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:399:MET:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:399:MET:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:399:MET:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:399:MET:SD	7	0.28
(1,5)	1:A:44:ILE:C	2:B:400:ASP:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:400:ASP:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:400:ASP:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:400:ASP:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:401:LEU:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:401:LEU:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:401:LEU:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:401:LEU:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:402:GLY:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:402:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:402:GLY:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:402:GLY:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:402:GLY:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CZ	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:403:PHE:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:403:PHE:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:404:PRO:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CD	7	0.28
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:404:PRO:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:404:PRO:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:C	2:B:410:LYS:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:414:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:415:THR:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:415:THR:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:415:THR:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:415:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:415:THR:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:415:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:415:THR:N	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:415:THR:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:415:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:417:GLY:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:417:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:417:GLY:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:417:GLY:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:417:GLY:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD21	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD22	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:ND2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:418:ASN:OD1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:419:ALA:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:419:ALA:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:419:ALA:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:419:ALA:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:420:GLU:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CD	7	0.28
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:420:GLU:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:420:GLU:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:420:GLU:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CG	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:421:PHE:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:423:ALA:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:423:ALA:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:423:ALA:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:423:ALA:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:424:SER:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:424:SER:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:424:SER:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:424:SER:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:424:SER:HG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:424:SER:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:424:SER:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:424:SER:OG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:425:LEU:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:425:LEU:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:425:LEU:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:425:LEU:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:427:PHE:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CB	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:428:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:C	2:B:429:SER:C	7	0.28
(1,5)	1:A:44:ILE:C	2:B:429:SER:CA	7	0.28
(1,5)	1:A:44:ILE:C	2:B:429:SER:CB	7	0.28
(1,5)	1:A:44:ILE:C	2:B:429:SER:H	7	0.28
(1,5)	1:A:44:ILE:C	2:B:429:SER:HG	7	0.28
(1,5)	1:A:44:ILE:C	2:B:429:SER:N	7	0.28
(1,5)	1:A:44:ILE:C	2:B:429:SER:O	7	0.28
(1,5)	1:A:44:ILE:C	2:B:429:SER:OG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:394:THR:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:394:THR:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:394:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:394:THR:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:394:THR:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:394:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CB	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:399:MET:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CE	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:399:MET:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:399:MET:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:399:MET:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:399:MET:SD	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:C	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CD	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:O	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:415:THR:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:415:THR:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:415:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:415:THR:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:415:THR:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:415:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD21	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD22	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:ND2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:OD1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CD	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE2	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:424:SER:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:424:SER:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:424:SER:HG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:424:SER:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:424:SER:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:424:SER:OG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE2	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:429:SER:C	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CA	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CB	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:429:SER:H	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:429:SER:HG	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:429:SER:N	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:429:SER:O	7	0.28
(1,5)	1:A:44:ILE:CA	2:B:429:SER:OG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:394:THR:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:394:THR:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:394:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:394:THR:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:394:THR:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:394:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ1	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:399:MET:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CE	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:399:MET:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:399:MET:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:399:MET:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:399:MET:SD	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:H	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CD	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CB	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:415:THR:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:415:THR:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:415:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:415:THR:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:415:THR:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:415:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD21	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD22	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:ND2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:OD1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CA	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CD	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:424:SER:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:424:SER:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:424:SER:HG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:424:SER:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:424:SER:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:424:SER:OG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:N	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:429:SER:C	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CA	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CB	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:429:SER:H	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:429:SER:HG	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:429:SER:N	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:429:SER:O	7	0.28
(1,5)	1:A:44:ILE:CB	2:B:429:SER:OG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:OG1	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CE	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:SD	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD1	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CD	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ1	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD21	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD22	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:ND2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:OD1	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CD	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:HG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:OG	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:C	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CA	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CB	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:H	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:HG	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:N	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:O	7	0.28
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:OG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:C	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CE	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:SD	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CD	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:O	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CB	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD21	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD22	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:ND2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:OD1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CD	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:O	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:HG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:OG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:C	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CA	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CB	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:H	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:HG	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:N	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:O	7	0.28
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:OG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:C	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CE	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:SD	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:N	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CD	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:OG1	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD21	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD22	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:ND2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:OD1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CD	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:H	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:HG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:OG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CG	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:C	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CA	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CB	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:H	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:HG	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:N	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:O	7	0.28
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:OG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:394:THR:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:394:THR:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:394:THR:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:394:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:394:THR:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:394:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:394:THR:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:394:THR:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:394:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:H	2:B:396:LYS:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CG	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:397:GLN:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:397:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:399:MET:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:399:MET:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:399:MET:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:399:MET:CE	7	0.28
(1,5)	1:A:44:ILE:H	2:B:399:MET:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:399:MET:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:399:MET:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:399:MET:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:399:MET:SD	7	0.28
(1,5)	1:A:44:ILE:H	2:B:400:ASP:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:400:ASP:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:400:ASP:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:400:ASP:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:401:LEU:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:401:LEU:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:401:LEU:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:401:LEU:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:402:GLY:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:402:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:402:GLY:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:402:GLY:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:402:GLY:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CB	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:403:PHE:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:404:PRO:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CD	7	0.28
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:404:PRO:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:404:PRO:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:H	2:B:410:LYS:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:414:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:415:THR:C	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:415:THR:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:415:THR:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:415:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:415:THR:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:415:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:415:THR:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:415:THR:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:415:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:417:GLY:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:417:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:417:GLY:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:417:GLY:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:417:GLY:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD21	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD22	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:ND2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:418:ASN:OD1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:419:ALA:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:419:ALA:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:419:ALA:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:419:ALA:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:420:GLU:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CD	7	0.28
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:420:GLU:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:420:GLU:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:420:GLU:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CA	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:421:PHE:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:423:ALA:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:423:ALA:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:423:ALA:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:423:ALA:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:424:SER:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:424:SER:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:424:SER:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:424:SER:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:424:SER:HG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:424:SER:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:424:SER:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:424:SER:OG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:425:LEU:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:425:LEU:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:425:LEU:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:425:LEU:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CZ	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:427:PHE:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:427:PHE:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:428:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:H	2:B:429:SER:C	7	0.28
(1,5)	1:A:44:ILE:H	2:B:429:SER:CA	7	0.28
(1,5)	1:A:44:ILE:H	2:B:429:SER:CB	7	0.28
(1,5)	1:A:44:ILE:H	2:B:429:SER:H	7	0.28
(1,5)	1:A:44:ILE:H	2:B:429:SER:HG	7	0.28
(1,5)	1:A:44:ILE:H	2:B:429:SER:N	7	0.28
(1,5)	1:A:44:ILE:H	2:B:429:SER:O	7	0.28
(1,5)	1:A:44:ILE:H	2:B:429:SER:OG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:394:THR:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:394:THR:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:394:THR:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:394:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:394:THR:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:394:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:394:THR:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:394:THR:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:394:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ3	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:396:LYS:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:N	2:B:396:LYS:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:397:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:399:MET:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:399:MET:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:399:MET:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:399:MET:CE	7	0.28
(1,5)	1:A:44:ILE:N	2:B:399:MET:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:399:MET:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:399:MET:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:399:MET:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:399:MET:SD	7	0.28
(1,5)	1:A:44:ILE:N	2:B:400:ASP:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:400:ASP:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:400:ASP:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:400:ASP:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:401:LEU:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:401:LEU:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:401:LEU:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:401:LEU:O	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:402:GLY:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:402:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:402:GLY:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:402:GLY:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:402:GLY:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:403:PHE:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:404:PRO:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CD	7	0.28
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:404:PRO:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:404:PRO:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:N	2:B:410:LYS:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CG	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:414:GLN:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:414:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:415:THR:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:415:THR:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:415:THR:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:415:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:415:THR:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:415:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:415:THR:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:415:THR:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:415:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:417:GLY:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:417:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:417:GLY:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:417:GLY:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:417:GLY:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD21	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD22	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:ND2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:418:ASN:OD1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:419:ALA:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:419:ALA:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:419:ALA:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:419:ALA:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:420:GLU:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CD	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:420:GLU:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:420:GLU:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:420:GLU:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:421:PHE:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:423:ALA:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:423:ALA:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:423:ALA:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:423:ALA:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:424:SER:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:424:SER:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:424:SER:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:424:SER:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:424:SER:HG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:424:SER:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:424:SER:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:424:SER:OG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:425:LEU:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:425:LEU:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:425:LEU:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:425:LEU:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:C	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:427:PHE:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:428:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:N	2:B:429:SER:C	7	0.28
(1,5)	1:A:44:ILE:N	2:B:429:SER:CA	7	0.28
(1,5)	1:A:44:ILE:N	2:B:429:SER:CB	7	0.28
(1,5)	1:A:44:ILE:N	2:B:429:SER:H	7	0.28
(1,5)	1:A:44:ILE:N	2:B:429:SER:HG	7	0.28
(1,5)	1:A:44:ILE:N	2:B:429:SER:N	7	0.28
(1,5)	1:A:44:ILE:N	2:B:429:SER:O	7	0.28
(1,5)	1:A:44:ILE:N	2:B:429:SER:OG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:394:THR:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:394:THR:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:394:THR:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:394:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:394:THR:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:394:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:394:THR:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:394:THR:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:394:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CA	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ3	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:O	2:B:396:LYS:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:397:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:399:MET:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:399:MET:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:399:MET:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:399:MET:CE	7	0.28
(1,5)	1:A:44:ILE:O	2:B:399:MET:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:399:MET:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:399:MET:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:399:MET:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:399:MET:SD	7	0.28
(1,5)	1:A:44:ILE:O	2:B:400:ASP:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:400:ASP:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:400:ASP:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:400:ASP:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:401:LEU:C	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:401:LEU:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:401:LEU:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:401:LEU:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:402:GLY:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:402:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:402:GLY:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:402:GLY:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:402:GLY:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:403:PHE:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:404:PRO:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CD	7	0.28
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:404:PRO:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:404:PRO:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CD	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CE	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ3	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:410:LYS:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:NZ	7	0.28
(1,5)	1:A:44:ILE:O	2:B:410:LYS:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:414:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:415:THR:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:415:THR:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:415:THR:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:415:THR:CG2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:415:THR:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:415:THR:HG1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:415:THR:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:415:THR:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:415:THR:OG1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:417:GLY:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:417:GLY:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:417:GLY:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:417:GLY:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:417:GLY:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD21	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD22	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:ND2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:418:ASN:OD1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:419:ALA:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CA	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:419:ALA:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:419:ALA:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:419:ALA:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:420:GLU:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CD	7	0.28
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:420:GLU:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:420:GLU:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:420:GLU:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:421:PHE:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:423:ALA:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:423:ALA:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:423:ALA:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:423:ALA:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:424:SER:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:424:SER:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:424:SER:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:424:SER:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:424:SER:HG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:424:SER:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:424:SER:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:424:SER:OG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:425:LEU:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CA	7	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:425:LEU:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:425:LEU:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:425:LEU:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CZ	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:427:PHE:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CD	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE21	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE22	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:NE2	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:428:GLN:OE1	7	0.28
(1,5)	1:A:44:ILE:O	2:B:429:SER:C	7	0.28
(1,5)	1:A:44:ILE:O	2:B:429:SER:CA	7	0.28
(1,5)	1:A:44:ILE:O	2:B:429:SER:CB	7	0.28
(1,5)	1:A:44:ILE:O	2:B:429:SER:H	7	0.28
(1,5)	1:A:44:ILE:O	2:B:429:SER:HG	7	0.28
(1,5)	1:A:44:ILE:O	2:B:429:SER:N	7	0.28
(1,5)	1:A:44:ILE:O	2:B:429:SER:O	7	0.28
(1,5)	1:A:44:ILE:O	2:B:429:SER:OG	7	0.28
(1,2)	1:A:8:LEU:C	2:B:394:THR:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:394:THR:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:394:THR:CB	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:394:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:394:THR:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:394:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:394:THR:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:394:THR:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:394:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:C	2:B:396:LYS:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:397:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:399:MET:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:399:MET:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:399:MET:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:399:MET:CE	8	0.27
(1,2)	1:A:8:LEU:C	2:B:399:MET:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:399:MET:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:399:MET:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:399:MET:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:399:MET:SD	8	0.27
(1,2)	1:A:8:LEU:C	2:B:400:ASP:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CA	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:400:ASP:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:400:ASP:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:400:ASP:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:401:LEU:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:401:LEU:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:401:LEU:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:401:LEU:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:402:GLY:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:402:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:402:GLY:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:402:GLY:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:402:GLY:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:403:PHE:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:404:PRO:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CD	8	0.27
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:404:PRO:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:404:PRO:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CA	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:C	2:B:410:LYS:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:414:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:415:THR:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:415:THR:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:415:THR:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:415:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:415:THR:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:415:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:415:THR:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:415:THR:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:415:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:417:GLY:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:417:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:417:GLY:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:417:GLY:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:417:GLY:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:418:ASN:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:418:ASN:H	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD21	8	0.27
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD22	8	0.27
(1,2)	1:A:8:LEU:C	2:B:418:ASN:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:418:ASN:ND2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:418:ASN:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:418:ASN:OD1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:419:ALA:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:419:ALA:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:419:ALA:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:419:ALA:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:420:GLU:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CD	8	0.27
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:420:GLU:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:420:GLU:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:420:GLU:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:421:PHE:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:423:ALA:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:423:ALA:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:423:ALA:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:423:ALA:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:424:SER:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:424:SER:CA	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:424:SER:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:424:SER:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:424:SER:HG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:424:SER:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:424:SER:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:424:SER:OG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:425:LEU:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:425:LEU:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:425:LEU:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:425:LEU:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:427:PHE:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:428:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:C	2:B:429:SER:C	8	0.27
(1,2)	1:A:8:LEU:C	2:B:429:SER:CA	8	0.27
(1,2)	1:A:8:LEU:C	2:B:429:SER:CB	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:429:SER:H	8	0.27
(1,2)	1:A:8:LEU:C	2:B:429:SER:HG	8	0.27
(1,2)	1:A:8:LEU:C	2:B:429:SER:N	8	0.27
(1,2)	1:A:8:LEU:C	2:B:429:SER:O	8	0.27
(1,2)	1:A:8:LEU:C	2:B:429:SER:OG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:394:THR:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:394:THR:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:394:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:394:THR:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:394:THR:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:394:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:399:MET:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CB	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CE	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:399:MET:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:399:MET:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:399:MET:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:399:MET:SD	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:C	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CD	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:415:THR:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:415:THR:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:415:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:415:THR:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:415:THR:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:415:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:CA	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD21	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD22	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:ND2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:OD1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CD	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:O	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:424:SER:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:424:SER:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:424:SER:HG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:424:SER:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:424:SER:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:424:SER:OG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE21	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:429:SER:C	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CA	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CB	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:429:SER:H	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:429:SER:HG	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:429:SER:N	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:429:SER:O	8	0.27
(1,2)	1:A:8:LEU:CA	2:B:429:SER:OG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:394:THR:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:394:THR:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:394:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:394:THR:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:394:THR:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:394:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE21	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:399:MET:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CE	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:399:MET:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:399:MET:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:399:MET:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:399:MET:SD	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD2	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CD	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:415:THR:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CB	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:415:THR:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:415:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:415:THR:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:415:THR:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:415:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD21	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD22	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:ND2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:OD1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CD	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD1	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:424:SER:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:424:SER:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:424:SER:HG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:424:SER:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:424:SER:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:424:SER:OG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:N	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:429:SER:C	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CA	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CB	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:429:SER:H	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:429:SER:HG	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:429:SER:N	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:429:SER:O	8	0.27
(1,2)	1:A:8:LEU:CB	2:B:429:SER:OG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:NZ	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CE	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:SD	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:CA	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CD	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE21	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD21	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD22	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:ND2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:OD1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CD	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:H	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:HG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:OG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CB	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:C	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CA	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CB	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:H	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:HG	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:N	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:O	8	0.27
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:OG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CD	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CE	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:SD	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CB	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CD	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:NZ	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD21	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD22	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:ND2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:OD1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:H	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CD	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:HG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:OG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD1	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:C	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CA	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CB	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:H	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:HG	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:N	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:O	8	0.27
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:OG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:394:THR:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:394:THR:H	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:394:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:394:THR:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:394:THR:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:394:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:399:MET:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CE	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:399:MET:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:399:MET:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:399:MET:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:399:MET:SD	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CG	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CD	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CD	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:415:THR:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:415:THR:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:415:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:415:THR:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:415:THR:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:415:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD21	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD22	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:ND2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:OD1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CD	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:424:SER:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:424:SER:H	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:424:SER:HG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:424:SER:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:424:SER:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:424:SER:OG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:429:SER:C	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CA	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CB	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:429:SER:H	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:429:SER:HG	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:429:SER:N	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:429:SER:O	8	0.27
(1,2)	1:A:8:LEU:CG	2:B:429:SER:OG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:394:THR:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:394:THR:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:394:THR:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:394:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:394:THR:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:394:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:394:THR:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:394:THR:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:394:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:H	2:B:396:LYS:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:397:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:399:MET:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:399:MET:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:399:MET:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:399:MET:CE	8	0.27
(1,2)	1:A:8:LEU:H	2:B:399:MET:CG	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:399:MET:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:399:MET:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:399:MET:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:399:MET:SD	8	0.27
(1,2)	1:A:8:LEU:H	2:B:400:ASP:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:400:ASP:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:400:ASP:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:400:ASP:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:401:LEU:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:401:LEU:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:401:LEU:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:401:LEU:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:402:GLY:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:402:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:402:GLY:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:402:GLY:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:402:GLY:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:403:PHE:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:404:PRO:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CB	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CD	8	0.27
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:404:PRO:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:404:PRO:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:H	2:B:410:LYS:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:414:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:415:THR:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:415:THR:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:415:THR:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:415:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:415:THR:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:415:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:415:THR:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:415:THR:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:415:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:417:GLY:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:417:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:417:GLY:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:417:GLY:N	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:417:GLY:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD21	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD22	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:ND2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:418:ASN:OD1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:419:ALA:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:419:ALA:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:419:ALA:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:419:ALA:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:420:GLU:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CD	8	0.27
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:420:GLU:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:420:GLU:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:420:GLU:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:421:PHE:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:423:ALA:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CA	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:423:ALA:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:423:ALA:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:423:ALA:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:424:SER:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:424:SER:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:424:SER:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:424:SER:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:424:SER:HG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:424:SER:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:424:SER:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:424:SER:OG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:425:LEU:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:425:LEU:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:425:LEU:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:425:LEU:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:427:PHE:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:N	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:428:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:428:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:H	2:B:429:SER:C	8	0.27
(1,2)	1:A:8:LEU:H	2:B:429:SER:CA	8	0.27
(1,2)	1:A:8:LEU:H	2:B:429:SER:CB	8	0.27
(1,2)	1:A:8:LEU:H	2:B:429:SER:H	8	0.27
(1,2)	1:A:8:LEU:H	2:B:429:SER:HG	8	0.27
(1,2)	1:A:8:LEU:H	2:B:429:SER:N	8	0.27
(1,2)	1:A:8:LEU:H	2:B:429:SER:O	8	0.27
(1,2)	1:A:8:LEU:H	2:B:429:SER:OG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:394:THR:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:394:THR:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:394:THR:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:394:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:394:THR:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:394:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:394:THR:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:394:THR:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:394:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:N	2:B:396:LYS:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:N	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:397:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:397:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:399:MET:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:399:MET:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:399:MET:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:399:MET:CE	8	0.27
(1,2)	1:A:8:LEU:N	2:B:399:MET:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:399:MET:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:399:MET:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:399:MET:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:399:MET:SD	8	0.27
(1,2)	1:A:8:LEU:N	2:B:400:ASP:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:400:ASP:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:400:ASP:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:400:ASP:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:401:LEU:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:401:LEU:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:401:LEU:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:401:LEU:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:402:GLY:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:402:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:402:GLY:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:402:GLY:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:402:GLY:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE2	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:403:PHE:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:404:PRO:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CD	8	0.27
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:404:PRO:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:404:PRO:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:N	2:B:410:LYS:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:414:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:415:THR:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:415:THR:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:415:THR:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:415:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:415:THR:H	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:415:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:415:THR:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:415:THR:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:415:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:417:GLY:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:417:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:417:GLY:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:417:GLY:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:417:GLY:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD21	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD22	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:ND2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:418:ASN:OD1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:419:ALA:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:419:ALA:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:419:ALA:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:419:ALA:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:420:GLU:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CD	8	0.27
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:420:GLU:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:420:GLU:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:420:GLU:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE1	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:421:PHE:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:423:ALA:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:423:ALA:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:423:ALA:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:423:ALA:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:424:SER:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:424:SER:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:424:SER:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:424:SER:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:424:SER:HG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:424:SER:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:424:SER:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:424:SER:OG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:425:LEU:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:425:LEU:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:425:LEU:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:425:LEU:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:427:PHE:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:C	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:428:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:N	2:B:429:SER:C	8	0.27
(1,2)	1:A:8:LEU:N	2:B:429:SER:CA	8	0.27
(1,2)	1:A:8:LEU:N	2:B:429:SER:CB	8	0.27
(1,2)	1:A:8:LEU:N	2:B:429:SER:H	8	0.27
(1,2)	1:A:8:LEU:N	2:B:429:SER:HG	8	0.27
(1,2)	1:A:8:LEU:N	2:B:429:SER:N	8	0.27
(1,2)	1:A:8:LEU:N	2:B:429:SER:O	8	0.27
(1,2)	1:A:8:LEU:N	2:B:429:SER:OG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:394:THR:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:394:THR:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:394:THR:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:394:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:394:THR:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:394:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:394:THR:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:394:THR:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:394:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:O	2:B:396:LYS:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:C	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:397:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:399:MET:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:399:MET:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:399:MET:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:399:MET:CE	8	0.27
(1,2)	1:A:8:LEU:O	2:B:399:MET:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:399:MET:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:399:MET:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:399:MET:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:399:MET:SD	8	0.27
(1,2)	1:A:8:LEU:O	2:B:400:ASP:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:400:ASP:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:400:ASP:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:400:ASP:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:401:LEU:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:401:LEU:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:401:LEU:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:401:LEU:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:402:GLY:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:402:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:402:GLY:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:402:GLY:N	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:402:GLY:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:403:PHE:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:404:PRO:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CD	8	0.27
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:404:PRO:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:404:PRO:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CD	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CE	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ3	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:NZ	8	0.27
(1,2)	1:A:8:LEU:O	2:B:410:LYS:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:N	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:414:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:414:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:415:THR:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:415:THR:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:415:THR:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:415:THR:CG2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:415:THR:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:415:THR:HG1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:415:THR:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:415:THR:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:415:THR:OG1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:417:GLY:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:417:GLY:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:417:GLY:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:417:GLY:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:417:GLY:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD21	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD22	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:ND2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:418:ASN:OD1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:419:ALA:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:419:ALA:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:419:ALA:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:419:ALA:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:420:GLU:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CD	8	0.27
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:420:GLU:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:420:GLU:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:420:GLU:O	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:421:PHE:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:423:ALA:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:423:ALA:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:423:ALA:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:423:ALA:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:424:SER:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:424:SER:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:424:SER:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:424:SER:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:424:SER:HG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:424:SER:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:424:SER:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:424:SER:OG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:425:LEU:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:425:LEU:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:425:LEU:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:425:LEU:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD2	8	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CZ	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:427:PHE:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CD	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE21	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE22	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:NE2	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:428:GLN:OE1	8	0.27
(1,2)	1:A:8:LEU:O	2:B:429:SER:C	8	0.27
(1,2)	1:A:8:LEU:O	2:B:429:SER:CA	8	0.27
(1,2)	1:A:8:LEU:O	2:B:429:SER:CB	8	0.27
(1,2)	1:A:8:LEU:O	2:B:429:SER:H	8	0.27
(1,2)	1:A:8:LEU:O	2:B:429:SER:HG	8	0.27
(1,2)	1:A:8:LEU:O	2:B:429:SER:N	8	0.27
(1,2)	1:A:8:LEU:O	2:B:429:SER:O	8	0.27
(1,2)	1:A:8:LEU:O	2:B:429:SER:OG	8	0.27
(1,10)	1:A:70:VAL:C	2:B:394:THR:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:394:THR:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:394:THR:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:394:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:394:THR:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:394:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:394:THR:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:394:THR:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:394:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CG	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:396:LYS:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:C	2:B:396:LYS:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:397:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:399:MET:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:399:MET:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:399:MET:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:399:MET:CE	4	0.27
(1,10)	1:A:70:VAL:C	2:B:399:MET:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:399:MET:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:399:MET:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:399:MET:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:399:MET:SD	4	0.27
(1,10)	1:A:70:VAL:C	2:B:400:ASP:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:400:ASP:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:400:ASP:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:400:ASP:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:401:LEU:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD2	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:401:LEU:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:401:LEU:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:401:LEU:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:402:GLY:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:402:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:402:GLY:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:402:GLY:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:402:GLY:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:403:PHE:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:404:PRO:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CD	4	0.27
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:404:PRO:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:404:PRO:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:C	2:B:410:LYS:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:C	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:414:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:415:THR:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:415:THR:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:415:THR:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:415:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:415:THR:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:415:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:415:THR:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:415:THR:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:415:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:417:GLY:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:417:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:417:GLY:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:417:GLY:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:417:GLY:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD21	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD22	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:ND2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:418:ASN:OD1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:419:ALA:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:419:ALA:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:419:ALA:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:419:ALA:O	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:420:GLU:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CD	4	0.27
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:420:GLU:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:420:GLU:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:420:GLU:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:421:PHE:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:423:ALA:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:423:ALA:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:423:ALA:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:423:ALA:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:424:SER:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:424:SER:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:424:SER:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:424:SER:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:424:SER:HG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:424:SER:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:424:SER:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:424:SER:OG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:425:LEU:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CG	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:425:LEU:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:425:LEU:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:425:LEU:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:427:PHE:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:428:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:C	2:B:429:SER:C	4	0.27
(1,10)	1:A:70:VAL:C	2:B:429:SER:CA	4	0.27
(1,10)	1:A:70:VAL:C	2:B:429:SER:CB	4	0.27
(1,10)	1:A:70:VAL:C	2:B:429:SER:H	4	0.27
(1,10)	1:A:70:VAL:C	2:B:429:SER:HG	4	0.27
(1,10)	1:A:70:VAL:C	2:B:429:SER:N	4	0.27
(1,10)	1:A:70:VAL:C	2:B:429:SER:O	4	0.27
(1,10)	1:A:70:VAL:C	2:B:429:SER:OG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:394:THR:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:394:THR:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:394:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:394:THR:N	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:394:THR:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:394:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:399:MET:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CE	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:399:MET:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:399:MET:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:399:MET:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:399:MET:SD	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:N	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CD	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CG	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:415:THR:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:415:THR:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:415:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:415:THR:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:415:THR:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:415:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD21	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD22	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:ND2	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:OD1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CD	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:424:SER:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:424:SER:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:424:SER:HG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:424:SER:N	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:424:SER:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:424:SER:OG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:O	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:429:SER:C	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CA	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CB	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:429:SER:H	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:429:SER:HG	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:429:SER:N	4	0.27
(1,10)	1:A:70:VAL:CA	2:B:429:SER:O	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:429:SER:OG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:394:THR:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:394:THR:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:394:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:394:THR:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:394:THR:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:394:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:399:MET:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CE	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:399:MET:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:399:MET:N	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:399:MET:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:399:MET:SD	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CD	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CG	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:415:THR:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:415:THR:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:415:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:415:THR:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:415:THR:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:415:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:C	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD21	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD22	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:ND2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:OD1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CD	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:H	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:424:SER:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:424:SER:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:424:SER:HG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:424:SER:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:424:SER:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:424:SER:OG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:O	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:429:SER:C	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CA	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CB	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:429:SER:H	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:429:SER:HG	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:429:SER:N	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:429:SER:O	4	0.27
(1,10)	1:A:70:VAL:CB	2:B:429:SER:OG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:O	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CE	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:SD	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CZ	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CD	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:N	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD21	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD22	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:ND2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:OD1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CD	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CG	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:HG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:OG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CB	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:C	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CA	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CB	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:H	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:HG	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:N	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:O	4	0.27
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:OG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CB	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CE	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:SD	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:C	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CD	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:O	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD21	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD22	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:ND2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:OD1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CD	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE2	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:HG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:OG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE2	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:C	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CA	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CB	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:H	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:HG	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:N	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:O	4	0.27
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:OG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:394:THR:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:394:THR:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:394:THR:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:394:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:394:THR:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:394:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:394:THR:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:394:THR:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:394:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ1	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:H	2:B:396:LYS:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:397:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:399:MET:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:399:MET:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:399:MET:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:399:MET:CE	4	0.27
(1,10)	1:A:70:VAL:H	2:B:399:MET:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:399:MET:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:399:MET:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:399:MET:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:399:MET:SD	4	0.27
(1,10)	1:A:70:VAL:H	2:B:400:ASP:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:400:ASP:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:400:ASP:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:400:ASP:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:401:LEU:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:401:LEU:H	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:401:LEU:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:401:LEU:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:402:GLY:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:402:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:402:GLY:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:402:GLY:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:402:GLY:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:403:PHE:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:404:PRO:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CD	4	0.27
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:404:PRO:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:404:PRO:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:H	2:B:410:LYS:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CB	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:414:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:415:THR:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:415:THR:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:415:THR:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:415:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:415:THR:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:415:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:415:THR:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:415:THR:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:415:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:417:GLY:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:417:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:417:GLY:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:417:GLY:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:417:GLY:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD21	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD22	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:ND2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:418:ASN:OD1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:419:ALA:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:419:ALA:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:419:ALA:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:419:ALA:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:420:GLU:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CA	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CD	4	0.27
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:420:GLU:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:420:GLU:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:420:GLU:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:421:PHE:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:423:ALA:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:423:ALA:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:423:ALA:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:423:ALA:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:424:SER:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:424:SER:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:424:SER:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:424:SER:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:424:SER:HG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:424:SER:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:424:SER:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:424:SER:OG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:425:LEU:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:425:LEU:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:425:LEU:N	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:425:LEU:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:427:PHE:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:428:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:H	2:B:429:SER:C	4	0.27
(1,10)	1:A:70:VAL:H	2:B:429:SER:CA	4	0.27
(1,10)	1:A:70:VAL:H	2:B:429:SER:CB	4	0.27
(1,10)	1:A:70:VAL:H	2:B:429:SER:H	4	0.27
(1,10)	1:A:70:VAL:H	2:B:429:SER:HG	4	0.27
(1,10)	1:A:70:VAL:H	2:B:429:SER:N	4	0.27
(1,10)	1:A:70:VAL:H	2:B:429:SER:O	4	0.27
(1,10)	1:A:70:VAL:H	2:B:429:SER:OG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:394:THR:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:394:THR:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:394:THR:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:394:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:394:THR:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:394:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:394:THR:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:394:THR:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:394:THR:OG1	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:396:LYS:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:N	2:B:396:LYS:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:397:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:399:MET:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:399:MET:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:399:MET:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:399:MET:CE	4	0.27
(1,10)	1:A:70:VAL:N	2:B:399:MET:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:399:MET:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:399:MET:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:399:MET:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:399:MET:SD	4	0.27
(1,10)	1:A:70:VAL:N	2:B:400:ASP:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:400:ASP:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:400:ASP:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:400:ASP:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD1	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:401:LEU:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:401:LEU:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:401:LEU:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:401:LEU:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:402:GLY:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:402:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:402:GLY:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:402:GLY:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:402:GLY:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:403:PHE:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:404:PRO:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CD	4	0.27
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:404:PRO:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:404:PRO:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ1	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:N	2:B:410:LYS:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:414:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:415:THR:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:415:THR:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:415:THR:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:415:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:415:THR:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:415:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:415:THR:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:415:THR:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:415:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:417:GLY:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:417:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:417:GLY:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:417:GLY:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:417:GLY:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD21	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD22	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:ND2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:418:ASN:OD1	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:419:ALA:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:419:ALA:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:419:ALA:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:419:ALA:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:420:GLU:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CD	4	0.27
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:420:GLU:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:420:GLU:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:420:GLU:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:421:PHE:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:423:ALA:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:423:ALA:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:423:ALA:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:423:ALA:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:424:SER:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:424:SER:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:424:SER:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:424:SER:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:424:SER:HG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:424:SER:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:424:SER:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:424:SER:OG	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:425:LEU:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:425:LEU:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:425:LEU:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:425:LEU:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:427:PHE:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:428:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:N	2:B:429:SER:C	4	0.27
(1,10)	1:A:70:VAL:N	2:B:429:SER:CA	4	0.27
(1,10)	1:A:70:VAL:N	2:B:429:SER:CB	4	0.27
(1,10)	1:A:70:VAL:N	2:B:429:SER:H	4	0.27
(1,10)	1:A:70:VAL:N	2:B:429:SER:HG	4	0.27
(1,10)	1:A:70:VAL:N	2:B:429:SER:N	4	0.27
(1,10)	1:A:70:VAL:N	2:B:429:SER:O	4	0.27
(1,10)	1:A:70:VAL:N	2:B:429:SER:OG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:394:THR:C	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:394:THR:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:394:THR:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:394:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:394:THR:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:394:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:394:THR:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:394:THR:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:394:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:O	2:B:396:LYS:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:397:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:399:MET:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:399:MET:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:399:MET:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:399:MET:CE	4	0.27
(1,10)	1:A:70:VAL:O	2:B:399:MET:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:399:MET:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:399:MET:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:399:MET:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:399:MET:SD	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:400:ASP:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:400:ASP:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:400:ASP:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:400:ASP:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:401:LEU:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:401:LEU:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:401:LEU:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:401:LEU:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:402:GLY:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:402:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:402:GLY:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:402:GLY:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:402:GLY:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:403:PHE:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:404:PRO:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CD	4	0.27
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:404:PRO:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:404:PRO:O	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:410:LYS:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CD	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CE	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ3	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:NZ	4	0.27
(1,10)	1:A:70:VAL:O	2:B:410:LYS:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:414:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:415:THR:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:415:THR:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:415:THR:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:415:THR:CG2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:415:THR:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:415:THR:HG1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:415:THR:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:415:THR:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:415:THR:OG1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:417:GLY:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:417:GLY:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:417:GLY:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:417:GLY:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:417:GLY:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:418:ASN:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CB	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:418:ASN:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD21	4	0.27
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD22	4	0.27
(1,10)	1:A:70:VAL:O	2:B:418:ASN:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:418:ASN:ND2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:418:ASN:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:418:ASN:OD1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:419:ALA:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:419:ALA:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:419:ALA:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:419:ALA:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:420:GLU:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CD	4	0.27
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:420:GLU:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:420:GLU:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:420:GLU:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:421:PHE:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:423:ALA:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:423:ALA:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:423:ALA:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:423:ALA:O	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:424:SER:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:424:SER:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:424:SER:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:424:SER:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:424:SER:HG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:424:SER:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:424:SER:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:424:SER:OG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:425:LEU:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:425:LEU:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:425:LEU:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:425:LEU:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CZ	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:427:PHE:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:C	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CD	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE21	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE22	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:NE2	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:428:GLN:OE1	4	0.27
(1,10)	1:A:70:VAL:O	2:B:429:SER:C	4	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:429:SER:CA	4	0.27
(1,10)	1:A:70:VAL:O	2:B:429:SER:CB	4	0.27
(1,10)	1:A:70:VAL:O	2:B:429:SER:H	4	0.27
(1,10)	1:A:70:VAL:O	2:B:429:SER:HG	4	0.27
(1,10)	1:A:70:VAL:O	2:B:429:SER:N	4	0.27
(1,10)	1:A:70:VAL:O	2:B:429:SER:O	4	0.27
(1,10)	1:A:70:VAL:O	2:B:429:SER:OG	4	0.27
(1,5)	1:A:44:ILE:C	2:B:394:THR:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:394:THR:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:394:THR:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:394:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:394:THR:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:394:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:394:THR:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:394:THR:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:394:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:C	2:B:396:LYS:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:397:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:399:MET:C	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:399:MET:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:399:MET:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:399:MET:CE	8	0.26
(1,5)	1:A:44:ILE:C	2:B:399:MET:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:399:MET:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:399:MET:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:399:MET:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:399:MET:SD	8	0.26
(1,5)	1:A:44:ILE:C	2:B:400:ASP:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:400:ASP:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:400:ASP:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:400:ASP:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:401:LEU:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:401:LEU:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:401:LEU:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:401:LEU:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:402:GLY:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:402:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:402:GLY:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:402:GLY:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:402:GLY:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:403:PHE:N	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:403:PHE:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:404:PRO:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CD	8	0.26
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:404:PRO:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:404:PRO:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:C	2:B:410:LYS:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:414:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:415:THR:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:415:THR:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:415:THR:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:415:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:415:THR:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:415:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:415:THR:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:415:THR:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:415:THR:OG1	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:417:GLY:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:417:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:417:GLY:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:417:GLY:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:417:GLY:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD21	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD22	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:ND2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:418:ASN:OD1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:419:ALA:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:419:ALA:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:419:ALA:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:419:ALA:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:420:GLU:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CD	8	0.26
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:420:GLU:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:420:GLU:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:420:GLU:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:H	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:421:PHE:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:421:PHE:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:423:ALA:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:423:ALA:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:423:ALA:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:423:ALA:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:424:SER:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:424:SER:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:424:SER:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:424:SER:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:424:SER:HG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:424:SER:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:424:SER:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:424:SER:OG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:425:LEU:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:425:LEU:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:425:LEU:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:425:LEU:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:427:PHE:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CG	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:428:GLN:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:428:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:C	2:B:429:SER:C	8	0.26
(1,5)	1:A:44:ILE:C	2:B:429:SER:CA	8	0.26
(1,5)	1:A:44:ILE:C	2:B:429:SER:CB	8	0.26
(1,5)	1:A:44:ILE:C	2:B:429:SER:H	8	0.26
(1,5)	1:A:44:ILE:C	2:B:429:SER:HG	8	0.26
(1,5)	1:A:44:ILE:C	2:B:429:SER:N	8	0.26
(1,5)	1:A:44:ILE:C	2:B:429:SER:O	8	0.26
(1,5)	1:A:44:ILE:C	2:B:429:SER:OG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:394:THR:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:394:THR:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:394:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:394:THR:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:394:THR:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:394:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CG	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:399:MET:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CE	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:399:MET:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:399:MET:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:399:MET:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:399:MET:SD	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CB	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CD	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:415:THR:C	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:415:THR:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:415:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:415:THR:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:415:THR:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:415:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD21	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD22	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:ND2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:OD1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CD	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CA	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:424:SER:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:424:SER:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:424:SER:HG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:424:SER:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:424:SER:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:424:SER:OG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CZ	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:429:SER:C	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CA	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CB	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:429:SER:H	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:429:SER:HG	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:429:SER:N	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:429:SER:O	8	0.26
(1,5)	1:A:44:ILE:CA	2:B:429:SER:OG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:394:THR:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:394:THR:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:394:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:394:THR:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:394:THR:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:394:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ3	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:399:MET:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CE	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:399:MET:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:399:MET:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:399:MET:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:399:MET:SD	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:O	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CD	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CG	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:415:THR:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:415:THR:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:415:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:415:THR:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:415:THR:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:415:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD21	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD22	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:ND2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:OD1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CD	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:424:SER:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:424:SER:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:424:SER:HG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:424:SER:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:424:SER:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:424:SER:OG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:C	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:429:SER:C	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CA	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CB	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:429:SER:H	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:429:SER:HG	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:429:SER:N	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:429:SER:O	8	0.26
(1,5)	1:A:44:ILE:CB	2:B:429:SER:OG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CA	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CE	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:SD	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:C	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CD	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ3	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD21	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD22	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:ND2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:OD1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CA	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CD	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:HG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:OG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CA	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:C	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CA	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CB	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:H	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:HG	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:N	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:O	8	0.26
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:OG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CB	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CE	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:SD	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CA	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CD	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CA	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:H	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD21	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD22	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:ND2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:OD1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CD	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CA	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:HG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:OG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:C	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CA	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CB	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:H	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:HG	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:N	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:O	8	0.26
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:OG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CB	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CE	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:SD	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:C	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CD	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:CA	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD21	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD22	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:ND2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:OD1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CD	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:O	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:HG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:OG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE21	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:C	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CA	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CB	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:H	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:HG	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:N	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:O	8	0.26
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:OG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:394:THR:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:394:THR:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:394:THR:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:394:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:394:THR:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:394:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:394:THR:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:394:THR:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:394:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:H	2:B:396:LYS:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE21	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:397:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:399:MET:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:399:MET:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:399:MET:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:399:MET:CE	8	0.26
(1,5)	1:A:44:ILE:H	2:B:399:MET:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:399:MET:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:399:MET:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:399:MET:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:399:MET:SD	8	0.26
(1,5)	1:A:44:ILE:H	2:B:400:ASP:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:400:ASP:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:400:ASP:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:400:ASP:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:401:LEU:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:401:LEU:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:401:LEU:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:401:LEU:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:402:GLY:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:402:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:402:GLY:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:402:GLY:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:402:GLY:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD2	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:403:PHE:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:404:PRO:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CD	8	0.26
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:404:PRO:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:404:PRO:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:H	2:B:410:LYS:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:414:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:415:THR:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:415:THR:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:415:THR:CB	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:415:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:415:THR:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:415:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:415:THR:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:415:THR:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:415:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:417:GLY:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:417:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:417:GLY:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:417:GLY:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:417:GLY:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD21	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD22	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:ND2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:418:ASN:OD1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:419:ALA:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:419:ALA:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:419:ALA:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:419:ALA:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:420:GLU:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CD	8	0.26
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:420:GLU:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:420:GLU:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:420:GLU:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD1	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:421:PHE:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:423:ALA:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:423:ALA:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:423:ALA:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:423:ALA:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:424:SER:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:424:SER:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:424:SER:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:424:SER:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:424:SER:HG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:424:SER:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:424:SER:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:424:SER:OG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:425:LEU:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:425:LEU:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:425:LEU:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:425:LEU:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:427:PHE:N	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:427:PHE:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:428:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:H	2:B:429:SER:C	8	0.26
(1,5)	1:A:44:ILE:H	2:B:429:SER:CA	8	0.26
(1,5)	1:A:44:ILE:H	2:B:429:SER:CB	8	0.26
(1,5)	1:A:44:ILE:H	2:B:429:SER:H	8	0.26
(1,5)	1:A:44:ILE:H	2:B:429:SER:HG	8	0.26
(1,5)	1:A:44:ILE:H	2:B:429:SER:N	8	0.26
(1,5)	1:A:44:ILE:H	2:B:429:SER:O	8	0.26
(1,5)	1:A:44:ILE:H	2:B:429:SER:OG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:394:THR:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:394:THR:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:394:THR:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:394:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:394:THR:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:394:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:394:THR:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:394:THR:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:394:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:396:LYS:NZ	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:396:LYS:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:397:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:399:MET:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:399:MET:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:399:MET:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:399:MET:CE	8	0.26
(1,5)	1:A:44:ILE:N	2:B:399:MET:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:399:MET:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:399:MET:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:399:MET:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:399:MET:SD	8	0.26
(1,5)	1:A:44:ILE:N	2:B:400:ASP:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:400:ASP:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:400:ASP:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:400:ASP:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:401:LEU:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:401:LEU:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:401:LEU:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:401:LEU:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:402:GLY:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:402:GLY:CA	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:402:GLY:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:402:GLY:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:402:GLY:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:403:PHE:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:404:PRO:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CD	8	0.26
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:404:PRO:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:404:PRO:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:N	2:B:410:LYS:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE21	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:414:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:415:THR:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:415:THR:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:415:THR:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:415:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:415:THR:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:415:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:415:THR:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:415:THR:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:415:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:417:GLY:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:417:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:417:GLY:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:417:GLY:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:417:GLY:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD21	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD22	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:ND2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:418:ASN:OD1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:419:ALA:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:419:ALA:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:419:ALA:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:419:ALA:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:420:GLU:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CD	8	0.26
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:420:GLU:H	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:420:GLU:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:420:GLU:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:421:PHE:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:423:ALA:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:423:ALA:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:423:ALA:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:423:ALA:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:424:SER:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:424:SER:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:424:SER:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:424:SER:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:424:SER:HG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:424:SER:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:424:SER:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:424:SER:OG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:425:LEU:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:425:LEU:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:425:LEU:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:425:LEU:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CB	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:427:PHE:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:428:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:N	2:B:429:SER:C	8	0.26
(1,5)	1:A:44:ILE:N	2:B:429:SER:CA	8	0.26
(1,5)	1:A:44:ILE:N	2:B:429:SER:CB	8	0.26
(1,5)	1:A:44:ILE:N	2:B:429:SER:H	8	0.26
(1,5)	1:A:44:ILE:N	2:B:429:SER:HG	8	0.26
(1,5)	1:A:44:ILE:N	2:B:429:SER:N	8	0.26
(1,5)	1:A:44:ILE:N	2:B:429:SER:O	8	0.26
(1,5)	1:A:44:ILE:N	2:B:429:SER:OG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:394:THR:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:394:THR:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:394:THR:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:394:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:394:THR:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:394:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:394:THR:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:394:THR:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:394:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CD	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:NZ	8	0.26
(1,5)	1:A:44:ILE:O	2:B:396:LYS:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:397:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:399:MET:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:399:MET:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:399:MET:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:399:MET:CE	8	0.26
(1,5)	1:A:44:ILE:O	2:B:399:MET:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:399:MET:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:399:MET:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:399:MET:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:399:MET:SD	8	0.26
(1,5)	1:A:44:ILE:O	2:B:400:ASP:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:400:ASP:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:400:ASP:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:400:ASP:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:401:LEU:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CB	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:401:LEU:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:401:LEU:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:401:LEU:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:402:GLY:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:402:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:402:GLY:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:402:GLY:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:402:GLY:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:403:PHE:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:404:PRO:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CD	8	0.26
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:404:PRO:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:404:PRO:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CD	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CE	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ3	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:410:LYS:NZ	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:410:LYS:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:414:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:415:THR:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:415:THR:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:415:THR:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:415:THR:CG2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:415:THR:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:415:THR:HG1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:415:THR:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:415:THR:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:415:THR:OG1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:417:GLY:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:417:GLY:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:417:GLY:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:417:GLY:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:417:GLY:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD21	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD22	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:ND2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:418:ASN:OD1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:419:ALA:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:419:ALA:H	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:419:ALA:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:419:ALA:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:420:GLU:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CD	8	0.26
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:420:GLU:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:420:GLU:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:420:GLU:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:421:PHE:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:423:ALA:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:423:ALA:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:423:ALA:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:423:ALA:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:424:SER:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:424:SER:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:424:SER:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:424:SER:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:424:SER:HG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:424:SER:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:424:SER:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:424:SER:OG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:425:LEU:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD1	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:425:LEU:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:425:LEU:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:425:LEU:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CZ	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:427:PHE:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CD	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE21	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE22	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:NE2	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:428:GLN:OE1	8	0.26
(1,5)	1:A:44:ILE:O	2:B:429:SER:C	8	0.26
(1,5)	1:A:44:ILE:O	2:B:429:SER:CA	8	0.26
(1,5)	1:A:44:ILE:O	2:B:429:SER:CB	8	0.26
(1,5)	1:A:44:ILE:O	2:B:429:SER:H	8	0.26
(1,5)	1:A:44:ILE:O	2:B:429:SER:HG	8	0.26
(1,5)	1:A:44:ILE:O	2:B:429:SER:N	8	0.26
(1,5)	1:A:44:ILE:O	2:B:429:SER:O	8	0.26
(1,5)	1:A:44:ILE:O	2:B:429:SER:OG	8	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CD2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:C	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:CG2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:10:GLY:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:C	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:34:GLU:OE2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:NE2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:47:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:C	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:HE22	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:H	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:61:ILE:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CD2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:C	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:75:GLY:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:C	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:C	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:C	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:C	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:C	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CG2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CD	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CG	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CB	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CE	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CB	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:NE2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HE	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ1	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CD	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CG	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CB	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:H	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NE	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CG2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH12	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CB	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:O	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CD	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:H	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:H	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:10:GLY:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:H	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:34:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:O	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NH2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:47:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:H	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:O	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:61:ILE:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:HG1	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH12	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:H	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:75:GLY:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:H	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:H	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:H	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:H	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:H	1:A:76:GLY:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:H	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CD	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CD	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CG1	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CD1	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CB	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NH2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CD2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CG2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:OE2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:NE2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:HE22	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:H	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CD2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:4:PHE:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:N	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:10:GLY:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:N	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:34:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CG2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CD	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CG	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:47:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:N	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:61:ILE:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CB	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:N	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:75:GLY:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:N	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:N	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:N	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:N	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:N	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CE	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CB	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:NE2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HE	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:N	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:O	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:10:GLY:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ1	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:O	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:34:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CD	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:47:GLY:CA	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:O	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CG	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CB	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:61:ILE:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:H	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NE	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:O	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:75:GLY:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:O	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:O	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:O	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:O	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:O	1:A:76:GLY:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CG2	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH12	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CD2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CE1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CE2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CZ	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CB	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CE	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ3	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:NZ	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:HE21	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:HE22	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:NE2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:OE1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:OE1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:OE2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:C	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:OD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:OD2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CD2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CE1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CE2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CZ	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:HH	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:OH	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:HD21	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:HD22	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:ND2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:OD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CG2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:O	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CG2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:HG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:OG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CD2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CE1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:HE2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:ND1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:NE2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CG1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CG2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CD	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CD1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CD2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CB	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CD	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CG	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CZ	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HE	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH11	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH12	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH21	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH22	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NE	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NH1	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NH2	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:H	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:O	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:C	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:CA	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:H	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:N	5	0.26
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:O	5	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	4	0.26
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	4	0.26
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	4	0.26
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	4	0.26
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	4	0.26
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	4	0.26
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	4	0.26
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	4	0.26
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	4	0.26
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	4	0.26
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	4	0.26
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	4	0.26
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	4	0.26
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	4	0.26
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	4	0.26
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	4	0.26
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	4	0.26
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	4	0.26
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	4	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	4	0.26
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	4	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	3	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	3	0.26
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	3	0.26
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	3	0.26
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	3	0.26
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	3	0.26
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	3	0.26
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	3	0.26
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	3	0.26
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	3	0.26
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	3	0.26
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	3	0.26
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	3	0.26
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	3	0.26
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	3	0.26
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	3	0.26
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	3	0.26
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	3	0.26
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	3	0.26
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	3	0.26
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	3	0.26
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	3	0.26
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	3	0.26
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	3	0.26
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	3	0.26
(1,11)	1:A:71:LEU:C	2:B:394:THR:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:394:THR:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:394:THR:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:394:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:394:THR:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:394:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:394:THR:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:394:THR:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:394:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:C	2:B:396:LYS:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:397:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:399:MET:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:399:MET:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:399:MET:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:399:MET:CE	1	0.26
(1,11)	1:A:71:LEU:C	2:B:399:MET:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:399:MET:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:399:MET:N	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:399:MET:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:399:MET:SD	1	0.26
(1,11)	1:A:71:LEU:C	2:B:400:ASP:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:400:ASP:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:400:ASP:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:400:ASP:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:401:LEU:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:401:LEU:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:401:LEU:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:401:LEU:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:402:GLY:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:402:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:402:GLY:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:402:GLY:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:402:GLY:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:403:PHE:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:404:PRO:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CD	1	0.26
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CG	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:404:PRO:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:404:PRO:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:C	2:B:410:LYS:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:414:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:415:THR:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:415:THR:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:415:THR:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:415:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:415:THR:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:415:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:415:THR:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:415:THR:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:415:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:417:GLY:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:417:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:417:GLY:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:417:GLY:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:417:GLY:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:418:ASN:C	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:418:ASN:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD21	1	0.26
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD22	1	0.26
(1,11)	1:A:71:LEU:C	2:B:418:ASN:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:418:ASN:ND2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:418:ASN:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:418:ASN:OD1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:419:ALA:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:419:ALA:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:419:ALA:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:419:ALA:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:420:GLU:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CD	1	0.26
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:420:GLU:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:420:GLU:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:420:GLU:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:421:PHE:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:423:ALA:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:423:ALA:H	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:423:ALA:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:423:ALA:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:424:SER:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:424:SER:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:424:SER:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:424:SER:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:424:SER:HG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:424:SER:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:424:SER:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:424:SER:OG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:425:LEU:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:425:LEU:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:425:LEU:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:425:LEU:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:427:PHE:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:C	2:B:428:GLN:O	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:428:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:C	2:B:429:SER:C	1	0.26
(1,11)	1:A:71:LEU:C	2:B:429:SER:CA	1	0.26
(1,11)	1:A:71:LEU:C	2:B:429:SER:CB	1	0.26
(1,11)	1:A:71:LEU:C	2:B:429:SER:H	1	0.26
(1,11)	1:A:71:LEU:C	2:B:429:SER:HG	1	0.26
(1,11)	1:A:71:LEU:C	2:B:429:SER:N	1	0.26
(1,11)	1:A:71:LEU:C	2:B:429:SER:O	1	0.26
(1,11)	1:A:71:LEU:C	2:B:429:SER:OG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:394:THR:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:394:THR:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:394:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:394:THR:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:394:THR:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:394:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:O	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:399:MET:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CE	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:399:MET:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:399:MET:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:399:MET:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:399:MET:SD	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CZ	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CD	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:415:THR:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:415:THR:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:415:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:415:THR:N	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:415:THR:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:415:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD21	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD22	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:ND2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:OD1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CD	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CG	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:424:SER:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:424:SER:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:424:SER:HG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:424:SER:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:424:SER:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:424:SER:OG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CB	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:429:SER:C	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CA	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CB	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:429:SER:H	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:429:SER:HG	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:429:SER:N	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:429:SER:O	1	0.26
(1,11)	1:A:71:LEU:CA	2:B:429:SER:OG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:394:THR:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:394:THR:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:394:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:394:THR:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:394:THR:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:394:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CB	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:399:MET:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CE	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:399:MET:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:399:MET:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:399:MET:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:399:MET:SD	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:C	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CD	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:O	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:415:THR:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:415:THR:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:415:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:415:THR:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:415:THR:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:415:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD21	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD22	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:ND2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:OD1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CD	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE2	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:424:SER:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:424:SER:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:424:SER:HG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:424:SER:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:424:SER:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:424:SER:OG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE2	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:429:SER:C	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CA	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CB	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:429:SER:H	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:429:SER:HG	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:429:SER:N	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:429:SER:O	1	0.26
(1,11)	1:A:71:LEU:CB	2:B:429:SER:OG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ1	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CE	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:SD	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:H	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CD	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CB	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD21	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD22	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:ND2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:OD1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CA	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CD	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:HG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:OG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:N	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:C	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CA	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CB	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:H	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:HG	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:N	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:O	1	0.26
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:OG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:OG1	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CE	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:SD	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD1	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CD	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ1	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD21	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD22	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:ND2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:OD1	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CD	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:HG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:OG	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:C	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CA	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CB	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:H	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:HG	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:N	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:O	1	0.26
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:OG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:394:THR:C	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:394:THR:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:394:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:394:THR:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:394:THR:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:394:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:399:MET:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CE	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:399:MET:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:399:MET:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:399:MET:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:399:MET:SD	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CD	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:O	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:415:THR:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:415:THR:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:415:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:415:THR:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:415:THR:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:415:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CB	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD21	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD22	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:ND2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:OD1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CD	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:O	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:424:SER:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:424:SER:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:424:SER:HG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:424:SER:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:424:SER:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:424:SER:OG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:C	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:429:SER:C	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CA	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CB	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:429:SER:H	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:429:SER:HG	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:429:SER:N	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:429:SER:O	1	0.26
(1,11)	1:A:71:LEU:CG	2:B:429:SER:OG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:394:THR:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:394:THR:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:394:THR:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:394:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:394:THR:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:394:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:394:THR:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:394:THR:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:394:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:H	2:B:396:LYS:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:397:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:399:MET:C	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:399:MET:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:399:MET:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:399:MET:CE	1	0.26
(1,11)	1:A:71:LEU:H	2:B:399:MET:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:399:MET:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:399:MET:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:399:MET:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:399:MET:SD	1	0.26
(1,11)	1:A:71:LEU:H	2:B:400:ASP:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:400:ASP:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:400:ASP:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:400:ASP:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:401:LEU:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:401:LEU:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:401:LEU:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:401:LEU:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:402:GLY:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:402:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:402:GLY:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:402:GLY:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:402:GLY:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:403:PHE:N	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:403:PHE:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:404:PRO:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CD	1	0.26
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:404:PRO:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:404:PRO:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:H	2:B:410:LYS:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:414:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:415:THR:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:415:THR:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:415:THR:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:415:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:415:THR:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:415:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:415:THR:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:415:THR:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:415:THR:OG1	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:417:GLY:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:417:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:417:GLY:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:417:GLY:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:417:GLY:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD21	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD22	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:ND2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:418:ASN:OD1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:419:ALA:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:419:ALA:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:419:ALA:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:419:ALA:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:420:GLU:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CD	1	0.26
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:420:GLU:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:420:GLU:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:420:GLU:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:H	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:421:PHE:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:421:PHE:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:423:ALA:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:423:ALA:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:423:ALA:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:423:ALA:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:424:SER:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:424:SER:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:424:SER:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:424:SER:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:424:SER:HG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:424:SER:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:424:SER:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:424:SER:OG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:425:LEU:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:425:LEU:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:425:LEU:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:425:LEU:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:427:PHE:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CG	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:428:GLN:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:428:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:H	2:B:429:SER:C	1	0.26
(1,11)	1:A:71:LEU:H	2:B:429:SER:CA	1	0.26
(1,11)	1:A:71:LEU:H	2:B:429:SER:CB	1	0.26
(1,11)	1:A:71:LEU:H	2:B:429:SER:H	1	0.26
(1,11)	1:A:71:LEU:H	2:B:429:SER:HG	1	0.26
(1,11)	1:A:71:LEU:H	2:B:429:SER:N	1	0.26
(1,11)	1:A:71:LEU:H	2:B:429:SER:O	1	0.26
(1,11)	1:A:71:LEU:H	2:B:429:SER:OG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:394:THR:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:394:THR:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:394:THR:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:394:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:394:THR:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:394:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:394:THR:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:394:THR:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:394:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:N	2:B:396:LYS:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CG	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:397:GLN:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:397:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:399:MET:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:399:MET:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:399:MET:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:399:MET:CE	1	0.26
(1,11)	1:A:71:LEU:N	2:B:399:MET:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:399:MET:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:399:MET:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:399:MET:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:399:MET:SD	1	0.26
(1,11)	1:A:71:LEU:N	2:B:400:ASP:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:400:ASP:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:400:ASP:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:400:ASP:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:401:LEU:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:401:LEU:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:401:LEU:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:401:LEU:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:402:GLY:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:402:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:402:GLY:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:402:GLY:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:402:GLY:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CB	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:403:PHE:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:404:PRO:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CD	1	0.26
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:404:PRO:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:404:PRO:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:N	2:B:410:LYS:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:414:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:415:THR:C	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:415:THR:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:415:THR:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:415:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:415:THR:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:415:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:415:THR:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:415:THR:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:415:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:417:GLY:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:417:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:417:GLY:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:417:GLY:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:417:GLY:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD21	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD22	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:ND2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:418:ASN:OD1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:419:ALA:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:419:ALA:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:419:ALA:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:419:ALA:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:420:GLU:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CD	1	0.26
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:420:GLU:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:420:GLU:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:420:GLU:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CA	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:421:PHE:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:423:ALA:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:423:ALA:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:423:ALA:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:423:ALA:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:424:SER:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:424:SER:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:424:SER:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:424:SER:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:424:SER:HG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:424:SER:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:424:SER:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:424:SER:OG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:425:LEU:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:425:LEU:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:425:LEU:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:425:LEU:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CZ	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:427:PHE:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:427:PHE:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:428:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:N	2:B:429:SER:C	1	0.26
(1,11)	1:A:71:LEU:N	2:B:429:SER:CA	1	0.26
(1,11)	1:A:71:LEU:N	2:B:429:SER:CB	1	0.26
(1,11)	1:A:71:LEU:N	2:B:429:SER:H	1	0.26
(1,11)	1:A:71:LEU:N	2:B:429:SER:HG	1	0.26
(1,11)	1:A:71:LEU:N	2:B:429:SER:N	1	0.26
(1,11)	1:A:71:LEU:N	2:B:429:SER:O	1	0.26
(1,11)	1:A:71:LEU:N	2:B:429:SER:OG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:394:THR:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:394:THR:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:394:THR:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:394:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:394:THR:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:394:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:394:THR:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:394:THR:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:394:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ3	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:396:LYS:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:O	2:B:396:LYS:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:397:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:399:MET:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:399:MET:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:399:MET:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:399:MET:CE	1	0.26
(1,11)	1:A:71:LEU:O	2:B:399:MET:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:399:MET:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:399:MET:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:399:MET:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:399:MET:SD	1	0.26
(1,11)	1:A:71:LEU:O	2:B:400:ASP:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:400:ASP:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:400:ASP:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:400:ASP:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:401:LEU:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:401:LEU:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:401:LEU:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:401:LEU:O	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:402:GLY:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:402:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:402:GLY:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:402:GLY:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:402:GLY:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:403:PHE:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:404:PRO:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CD	1	0.26
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:404:PRO:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:404:PRO:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CD	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CE	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ3	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:NZ	1	0.26
(1,11)	1:A:71:LEU:O	2:B:410:LYS:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CG	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:414:GLN:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:414:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:415:THR:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:415:THR:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:415:THR:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:415:THR:CG2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:415:THR:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:415:THR:HG1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:415:THR:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:415:THR:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:415:THR:OG1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:417:GLY:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:417:GLY:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:417:GLY:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:417:GLY:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:417:GLY:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD21	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD22	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:ND2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:418:ASN:OD1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:419:ALA:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:419:ALA:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:419:ALA:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:419:ALA:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:420:GLU:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CD	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:420:GLU:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:420:GLU:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:420:GLU:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:421:PHE:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:423:ALA:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:423:ALA:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:423:ALA:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:423:ALA:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:424:SER:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:424:SER:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:424:SER:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:424:SER:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:424:SER:HG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:424:SER:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:424:SER:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:424:SER:OG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:425:LEU:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:425:LEU:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:425:LEU:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:425:LEU:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:C	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CZ	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:427:PHE:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CD	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE21	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE22	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:NE2	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:428:GLN:OE1	1	0.26
(1,11)	1:A:71:LEU:O	2:B:429:SER:C	1	0.26
(1,11)	1:A:71:LEU:O	2:B:429:SER:CA	1	0.26
(1,11)	1:A:71:LEU:O	2:B:429:SER:CB	1	0.26
(1,11)	1:A:71:LEU:O	2:B:429:SER:H	1	0.26
(1,11)	1:A:71:LEU:O	2:B:429:SER:HG	1	0.26
(1,11)	1:A:71:LEU:O	2:B:429:SER:N	1	0.26
(1,11)	1:A:71:LEU:O	2:B:429:SER:O	1	0.26
(1,11)	1:A:71:LEU:O	2:B:429:SER:OG	1	0.26
(1,5)	1:A:44:ILE:C	2:B:394:THR:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:394:THR:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:394:THR:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:394:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:394:THR:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:394:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:394:THR:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:394:THR:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:394:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CA	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:C	2:B:396:LYS:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:397:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:399:MET:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:399:MET:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:399:MET:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:399:MET:CE	2	0.25
(1,5)	1:A:44:ILE:C	2:B:399:MET:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:399:MET:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:399:MET:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:399:MET:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:399:MET:SD	2	0.25
(1,5)	1:A:44:ILE:C	2:B:400:ASP:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:400:ASP:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:400:ASP:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:400:ASP:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:401:LEU:C	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:401:LEU:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:401:LEU:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:401:LEU:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:402:GLY:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:402:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:402:GLY:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:402:GLY:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:402:GLY:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:403:PHE:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:404:PRO:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CD	2	0.25
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:404:PRO:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:404:PRO:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ3	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:410:LYS:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:C	2:B:410:LYS:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:414:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:415:THR:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:415:THR:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:415:THR:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:415:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:415:THR:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:415:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:415:THR:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:415:THR:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:415:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:417:GLY:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:417:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:417:GLY:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:417:GLY:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:417:GLY:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD21	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD22	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:ND2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:418:ASN:OD1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:419:ALA:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CA	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:419:ALA:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:419:ALA:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:419:ALA:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:420:GLU:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CD	2	0.25
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:420:GLU:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:420:GLU:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:420:GLU:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:421:PHE:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:423:ALA:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:423:ALA:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:423:ALA:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:423:ALA:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:424:SER:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:424:SER:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:424:SER:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:424:SER:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:424:SER:HG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:424:SER:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:424:SER:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:424:SER:OG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:425:LEU:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CA	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:425:LEU:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:425:LEU:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:425:LEU:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:427:PHE:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:428:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:C	2:B:429:SER:C	2	0.25
(1,5)	1:A:44:ILE:C	2:B:429:SER:CA	2	0.25
(1,5)	1:A:44:ILE:C	2:B:429:SER:CB	2	0.25
(1,5)	1:A:44:ILE:C	2:B:429:SER:H	2	0.25
(1,5)	1:A:44:ILE:C	2:B:429:SER:HG	2	0.25
(1,5)	1:A:44:ILE:C	2:B:429:SER:N	2	0.25
(1,5)	1:A:44:ILE:C	2:B:429:SER:O	2	0.25
(1,5)	1:A:44:ILE:C	2:B:429:SER:OG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:394:THR:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CB	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:394:THR:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:394:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:394:THR:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:394:THR:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:394:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:399:MET:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CE	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:399:MET:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:399:MET:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:399:MET:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:399:MET:SD	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CA	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CD	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CA	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:415:THR:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:415:THR:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:415:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:415:THR:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:415:THR:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:415:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:H	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD21	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD22	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:ND2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:OD1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CD	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:424:SER:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CA	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:424:SER:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:424:SER:HG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:424:SER:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:424:SER:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:424:SER:OG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:429:SER:C	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CA	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CB	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:429:SER:H	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:429:SER:HG	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:429:SER:N	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:429:SER:O	2	0.25
(1,5)	1:A:44:ILE:CA	2:B:429:SER:OG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:394:THR:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:394:THR:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:394:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:394:THR:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:394:THR:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:394:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:399:MET:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CB	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CE	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:399:MET:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:399:MET:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:399:MET:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:399:MET:SD	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:C	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CD	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:415:THR:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:415:THR:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:415:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:415:THR:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:415:THR:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:415:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:CA	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD21	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD22	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:ND2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:OD1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CD	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:O	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:424:SER:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:424:SER:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:424:SER:HG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:424:SER:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:424:SER:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:424:SER:OG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE21	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:429:SER:C	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CA	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CB	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:429:SER:H	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:429:SER:HG	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:429:SER:N	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:429:SER:O	2	0.25
(1,5)	1:A:44:ILE:CB	2:B:429:SER:OG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE21	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CE	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:SD	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD2	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CD	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CB	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD21	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD22	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:ND2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:OD1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CD	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD1	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:HG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:OG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:N	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:C	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CA	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CB	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:H	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:HG	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:N	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:O	2	0.25
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:OG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:NZ	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CE	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:SD	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:CA	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CD	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE21	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD21	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD22	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:ND2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:OD1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CD	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:H	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:HG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:OG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CB	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:C	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CA	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CB	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:H	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:HG	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:N	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:O	2	0.25
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:OG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CD	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CE	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:SD	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CB	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CD	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:NZ	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD21	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD22	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:ND2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:OD1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:H	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CD	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:HG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:OG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD1	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:C	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CA	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CB	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:H	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:HG	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:N	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:O	2	0.25
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:OG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:394:THR:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:394:THR:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:394:THR:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:394:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:394:THR:H	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:394:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:394:THR:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:394:THR:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:394:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:H	2:B:396:LYS:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:397:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:399:MET:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:399:MET:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:399:MET:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:399:MET:CE	2	0.25
(1,5)	1:A:44:ILE:H	2:B:399:MET:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:399:MET:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:399:MET:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:399:MET:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:399:MET:SD	2	0.25
(1,5)	1:A:44:ILE:H	2:B:400:ASP:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CG	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:400:ASP:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:400:ASP:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:400:ASP:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:401:LEU:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:401:LEU:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:401:LEU:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:401:LEU:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:402:GLY:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:402:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:402:GLY:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:402:GLY:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:402:GLY:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:403:PHE:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:404:PRO:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CD	2	0.25
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:404:PRO:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:404:PRO:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CD	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:H	2:B:410:LYS:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:414:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:415:THR:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:415:THR:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:415:THR:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:415:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:415:THR:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:415:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:415:THR:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:415:THR:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:415:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:417:GLY:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:417:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:417:GLY:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:417:GLY:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:417:GLY:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:418:ASN:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:418:ASN:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD21	2	0.25
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD22	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:418:ASN:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:418:ASN:ND2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:418:ASN:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:418:ASN:OD1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:419:ALA:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:419:ALA:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:419:ALA:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:419:ALA:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:420:GLU:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CD	2	0.25
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:420:GLU:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:420:GLU:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:420:GLU:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:421:PHE:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:423:ALA:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:423:ALA:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:423:ALA:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:423:ALA:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:424:SER:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:424:SER:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:424:SER:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:424:SER:H	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:424:SER:HG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:424:SER:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:424:SER:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:424:SER:OG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:425:LEU:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:425:LEU:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:425:LEU:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:425:LEU:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:427:PHE:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:428:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:H	2:B:429:SER:C	2	0.25
(1,5)	1:A:44:ILE:H	2:B:429:SER:CA	2	0.25
(1,5)	1:A:44:ILE:H	2:B:429:SER:CB	2	0.25
(1,5)	1:A:44:ILE:H	2:B:429:SER:H	2	0.25
(1,5)	1:A:44:ILE:H	2:B:429:SER:HG	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:429:SER:N	2	0.25
(1,5)	1:A:44:ILE:H	2:B:429:SER:O	2	0.25
(1,5)	1:A:44:ILE:H	2:B:429:SER:OG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:394:THR:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:394:THR:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:394:THR:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:394:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:394:THR:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:394:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:394:THR:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:394:THR:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:394:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:N	2:B:396:LYS:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:397:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:399:MET:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:399:MET:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:399:MET:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:399:MET:CE	2	0.25
(1,5)	1:A:44:ILE:N	2:B:399:MET:CG	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:399:MET:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:399:MET:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:399:MET:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:399:MET:SD	2	0.25
(1,5)	1:A:44:ILE:N	2:B:400:ASP:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:400:ASP:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:400:ASP:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:400:ASP:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:401:LEU:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:401:LEU:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:401:LEU:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:401:LEU:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:402:GLY:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:402:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:402:GLY:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:402:GLY:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:402:GLY:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:403:PHE:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:404:PRO:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CB	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CD	2	0.25
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:404:PRO:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:404:PRO:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:N	2:B:410:LYS:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:414:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:415:THR:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:415:THR:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:415:THR:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:415:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:415:THR:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:415:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:415:THR:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:415:THR:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:415:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:417:GLY:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:417:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:417:GLY:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:417:GLY:N	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:417:GLY:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD21	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD22	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:ND2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:418:ASN:OD1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:419:ALA:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:419:ALA:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:419:ALA:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:419:ALA:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:420:GLU:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CD	2	0.25
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:420:GLU:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:420:GLU:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:420:GLU:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:421:PHE:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:423:ALA:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CA	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:423:ALA:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:423:ALA:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:423:ALA:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:424:SER:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:424:SER:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:424:SER:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:424:SER:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:424:SER:HG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:424:SER:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:424:SER:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:424:SER:OG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:425:LEU:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:425:LEU:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:425:LEU:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:425:LEU:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:427:PHE:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:N	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:428:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:428:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:N	2:B:429:SER:C	2	0.25
(1,5)	1:A:44:ILE:N	2:B:429:SER:CA	2	0.25
(1,5)	1:A:44:ILE:N	2:B:429:SER:CB	2	0.25
(1,5)	1:A:44:ILE:N	2:B:429:SER:H	2	0.25
(1,5)	1:A:44:ILE:N	2:B:429:SER:HG	2	0.25
(1,5)	1:A:44:ILE:N	2:B:429:SER:N	2	0.25
(1,5)	1:A:44:ILE:N	2:B:429:SER:O	2	0.25
(1,5)	1:A:44:ILE:N	2:B:429:SER:OG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:394:THR:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:394:THR:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:394:THR:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:394:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:394:THR:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:394:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:394:THR:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:394:THR:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:394:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:O	2:B:396:LYS:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:N	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:397:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:397:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:399:MET:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:399:MET:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:399:MET:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:399:MET:CE	2	0.25
(1,5)	1:A:44:ILE:O	2:B:399:MET:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:399:MET:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:399:MET:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:399:MET:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:399:MET:SD	2	0.25
(1,5)	1:A:44:ILE:O	2:B:400:ASP:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:400:ASP:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:400:ASP:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:400:ASP:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:401:LEU:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:401:LEU:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:401:LEU:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:401:LEU:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:402:GLY:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:402:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:402:GLY:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:402:GLY:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:402:GLY:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE2	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:403:PHE:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:404:PRO:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CD	2	0.25
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:404:PRO:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:404:PRO:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CD	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CE	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ3	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:NZ	2	0.25
(1,5)	1:A:44:ILE:O	2:B:410:LYS:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:414:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:415:THR:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:415:THR:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:415:THR:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:415:THR:CG2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:415:THR:H	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:415:THR:HG1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:415:THR:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:415:THR:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:415:THR:OG1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:417:GLY:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:417:GLY:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:417:GLY:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:417:GLY:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:417:GLY:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD21	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD22	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:ND2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:418:ASN:OD1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:419:ALA:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:419:ALA:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:419:ALA:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:419:ALA:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:420:GLU:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CD	2	0.25
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:420:GLU:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:420:GLU:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:420:GLU:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE1	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:421:PHE:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:423:ALA:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:423:ALA:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:423:ALA:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:423:ALA:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:424:SER:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:424:SER:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:424:SER:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:424:SER:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:424:SER:HG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:424:SER:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:424:SER:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:424:SER:OG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:425:LEU:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:425:LEU:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:425:LEU:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:425:LEU:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CZ	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:427:PHE:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:C	2	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CD	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE21	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE22	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:NE2	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:428:GLN:OE1	2	0.25
(1,5)	1:A:44:ILE:O	2:B:429:SER:C	2	0.25
(1,5)	1:A:44:ILE:O	2:B:429:SER:CA	2	0.25
(1,5)	1:A:44:ILE:O	2:B:429:SER:CB	2	0.25
(1,5)	1:A:44:ILE:O	2:B:429:SER:H	2	0.25
(1,5)	1:A:44:ILE:O	2:B:429:SER:HG	2	0.25
(1,5)	1:A:44:ILE:O	2:B:429:SER:N	2	0.25
(1,5)	1:A:44:ILE:O	2:B:429:SER:O	2	0.25
(1,5)	1:A:44:ILE:O	2:B:429:SER:OG	2	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	1	0.25
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	1	0.25
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	1	0.25
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	1	0.25
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	1	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	1	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	1	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	1	0.25
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	1	0.25
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	1	0.25
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	1	0.25
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	1	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	1	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	1	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	1	0.25
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	1	0.25
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	1	0.25
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	1	0.25
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	1	0.25
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	1	0.25
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	1	0.25
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	1	0.25
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	1	0.25
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	1	0.25
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	1	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	10	0.25
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	10	0.25
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	10	0.25
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	10	0.25
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	10	0.25
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	10	0.25
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	10	0.25
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	10	0.25
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	10	0.25
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	10	0.25
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	10	0.25
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	10	0.25
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	10	0.25
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	10	0.25
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	10	0.25
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	10	0.25
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	10	0.25
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	10	0.25
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	10	0.25
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	10	0.25
(1,10)	1:A:70:VAL:C	2:B:394:THR:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:394:THR:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:394:THR:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:394:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:394:THR:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:394:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:394:THR:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:394:THR:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:394:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:C	2:B:396:LYS:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:397:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:399:MET:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:399:MET:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:399:MET:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:399:MET:CE	1	0.25
(1,10)	1:A:70:VAL:C	2:B:399:MET:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:399:MET:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:399:MET:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:399:MET:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:399:MET:SD	1	0.25
(1,10)	1:A:70:VAL:C	2:B:400:ASP:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:400:ASP:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:400:ASP:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:400:ASP:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:401:LEU:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:401:LEU:H	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:401:LEU:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:401:LEU:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:402:GLY:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:402:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:402:GLY:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:402:GLY:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:402:GLY:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:403:PHE:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:404:PRO:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CD	1	0.25
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:404:PRO:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:404:PRO:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:C	2:B:410:LYS:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:414:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:415:THR:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:415:THR:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:415:THR:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:415:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:415:THR:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:415:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:415:THR:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:415:THR:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:415:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:417:GLY:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:417:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:417:GLY:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:417:GLY:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:417:GLY:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD21	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD22	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:ND2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:418:ASN:OD1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:419:ALA:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:419:ALA:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:419:ALA:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:419:ALA:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:420:GLU:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CD	1	0.25
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:420:GLU:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:420:GLU:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:420:GLU:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:421:PHE:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:423:ALA:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:423:ALA:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:423:ALA:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:423:ALA:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:424:SER:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:424:SER:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:424:SER:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:424:SER:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:424:SER:HG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:424:SER:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:424:SER:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:424:SER:OG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:425:LEU:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:425:LEU:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:425:LEU:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:425:LEU:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:427:PHE:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:428:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:C	2:B:429:SER:C	1	0.25
(1,10)	1:A:70:VAL:C	2:B:429:SER:CA	1	0.25
(1,10)	1:A:70:VAL:C	2:B:429:SER:CB	1	0.25
(1,10)	1:A:70:VAL:C	2:B:429:SER:H	1	0.25
(1,10)	1:A:70:VAL:C	2:B:429:SER:HG	1	0.25
(1,10)	1:A:70:VAL:C	2:B:429:SER:N	1	0.25
(1,10)	1:A:70:VAL:C	2:B:429:SER:O	1	0.25
(1,10)	1:A:70:VAL:C	2:B:429:SER:OG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:394:THR:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:394:THR:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:394:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:394:THR:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:394:THR:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:394:THR:OG1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:399:MET:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CE	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:399:MET:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:399:MET:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:399:MET:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:399:MET:SD	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CD	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:415:THR:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:415:THR:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:415:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:415:THR:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:415:THR:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:415:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD21	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD22	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:ND2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:OD1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CD	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:424:SER:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:424:SER:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:424:SER:HG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:424:SER:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:424:SER:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:424:SER:OG	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:429:SER:C	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CA	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CB	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:429:SER:H	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:429:SER:HG	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:429:SER:N	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:429:SER:O	1	0.25
(1,10)	1:A:70:VAL:CA	2:B:429:SER:OG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:394:THR:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:394:THR:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:394:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:394:THR:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:394:THR:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:394:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:399:MET:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CE	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:399:MET:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:399:MET:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:399:MET:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:399:MET:SD	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CD	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:O	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:415:THR:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:415:THR:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:415:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:415:THR:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:415:THR:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:415:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD21	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD22	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:ND2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:OD1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CD	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:O	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:424:SER:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:424:SER:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:424:SER:HG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:424:SER:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:424:SER:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:424:SER:OG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:429:SER:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CA	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CB	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:429:SER:H	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:429:SER:HG	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:429:SER:N	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:429:SER:O	1	0.25
(1,10)	1:A:70:VAL:CB	2:B:429:SER:OG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CE	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:SD	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:N	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CD	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:OG1	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD21	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD22	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:ND2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:OD1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CD	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:H	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:HG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:OG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CG	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:C	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CA	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CB	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:H	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:HG	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:N	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:O	1	0.25
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:OG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CG	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CE	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:SD	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CD	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD21	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD22	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:ND2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:OD1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CD	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:HG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:OG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CZ	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:C	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CA	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CB	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:H	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:HG	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:N	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:O	1	0.25
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:OG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:394:THR:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:394:THR:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:394:THR:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:394:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:394:THR:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:394:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:394:THR:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:394:THR:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:394:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ3	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:396:LYS:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:H	2:B:396:LYS:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:397:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:399:MET:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:399:MET:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:399:MET:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:399:MET:CE	1	0.25
(1,10)	1:A:70:VAL:H	2:B:399:MET:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:399:MET:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:399:MET:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:399:MET:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:399:MET:SD	1	0.25
(1,10)	1:A:70:VAL:H	2:B:400:ASP:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:400:ASP:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:400:ASP:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:400:ASP:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:401:LEU:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:401:LEU:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:401:LEU:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:401:LEU:O	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:402:GLY:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:402:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:402:GLY:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:402:GLY:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:402:GLY:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:403:PHE:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:404:PRO:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CD	1	0.25
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:404:PRO:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:404:PRO:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:H	2:B:410:LYS:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CG	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:414:GLN:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:414:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:415:THR:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:415:THR:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:415:THR:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:415:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:415:THR:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:415:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:415:THR:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:415:THR:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:415:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:417:GLY:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:417:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:417:GLY:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:417:GLY:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:417:GLY:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD21	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD22	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:ND2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:418:ASN:OD1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:419:ALA:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:419:ALA:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:419:ALA:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:419:ALA:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:420:GLU:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CD	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:420:GLU:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:420:GLU:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:420:GLU:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:421:PHE:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:423:ALA:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:423:ALA:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:423:ALA:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:423:ALA:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:424:SER:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:424:SER:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:424:SER:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:424:SER:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:424:SER:HG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:424:SER:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:424:SER:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:424:SER:OG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:425:LEU:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:425:LEU:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:425:LEU:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:425:LEU:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:427:PHE:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:428:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:H	2:B:429:SER:C	1	0.25
(1,10)	1:A:70:VAL:H	2:B:429:SER:CA	1	0.25
(1,10)	1:A:70:VAL:H	2:B:429:SER:CB	1	0.25
(1,10)	1:A:70:VAL:H	2:B:429:SER:H	1	0.25
(1,10)	1:A:70:VAL:H	2:B:429:SER:HG	1	0.25
(1,10)	1:A:70:VAL:H	2:B:429:SER:N	1	0.25
(1,10)	1:A:70:VAL:H	2:B:429:SER:O	1	0.25
(1,10)	1:A:70:VAL:H	2:B:429:SER:OG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:394:THR:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:394:THR:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:394:THR:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:394:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:394:THR:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:394:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:394:THR:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:394:THR:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:394:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:N	2:B:396:LYS:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:397:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:399:MET:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:399:MET:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:399:MET:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:399:MET:CE	1	0.25
(1,10)	1:A:70:VAL:N	2:B:399:MET:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:399:MET:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:399:MET:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:399:MET:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:399:MET:SD	1	0.25
(1,10)	1:A:70:VAL:N	2:B:400:ASP:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:400:ASP:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:400:ASP:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:400:ASP:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:401:LEU:C	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:401:LEU:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:401:LEU:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:401:LEU:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:402:GLY:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:402:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:402:GLY:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:402:GLY:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:402:GLY:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:403:PHE:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:404:PRO:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CD	1	0.25
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:404:PRO:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:404:PRO:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ3	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:410:LYS:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:N	2:B:410:LYS:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:414:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:415:THR:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:415:THR:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:415:THR:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:415:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:415:THR:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:415:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:415:THR:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:415:THR:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:415:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:417:GLY:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:417:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:417:GLY:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:417:GLY:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:417:GLY:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD21	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD22	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:ND2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:418:ASN:OD1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:419:ALA:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:419:ALA:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:419:ALA:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:419:ALA:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:420:GLU:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CD	1	0.25
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:420:GLU:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:420:GLU:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:420:GLU:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:421:PHE:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:423:ALA:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:423:ALA:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:423:ALA:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:423:ALA:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:424:SER:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:424:SER:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:424:SER:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:424:SER:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:424:SER:HG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:424:SER:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:424:SER:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:424:SER:OG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:425:LEU:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:425:LEU:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:425:LEU:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:425:LEU:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:427:PHE:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:428:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:N	2:B:429:SER:C	1	0.25
(1,10)	1:A:70:VAL:N	2:B:429:SER:CA	1	0.25
(1,10)	1:A:70:VAL:N	2:B:429:SER:CB	1	0.25
(1,10)	1:A:70:VAL:N	2:B:429:SER:H	1	0.25
(1,10)	1:A:70:VAL:N	2:B:429:SER:HG	1	0.25
(1,10)	1:A:70:VAL:N	2:B:429:SER:N	1	0.25
(1,10)	1:A:70:VAL:N	2:B:429:SER:O	1	0.25
(1,10)	1:A:70:VAL:N	2:B:429:SER:OG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:394:THR:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:394:THR:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:394:THR:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:394:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:394:THR:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:394:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:394:THR:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:394:THR:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:394:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:O	2:B:396:LYS:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:397:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:399:MET:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:399:MET:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:399:MET:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:399:MET:CE	1	0.25
(1,10)	1:A:70:VAL:O	2:B:399:MET:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:399:MET:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:399:MET:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:399:MET:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:399:MET:SD	1	0.25
(1,10)	1:A:70:VAL:O	2:B:400:ASP:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:400:ASP:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:400:ASP:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:400:ASP:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:401:LEU:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:401:LEU:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:401:LEU:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:401:LEU:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:402:GLY:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:402:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:402:GLY:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:402:GLY:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:402:GLY:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:403:PHE:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:404:PRO:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CD	1	0.25
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:404:PRO:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:404:PRO:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CD	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CE	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ3	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:NZ	1	0.25
(1,10)	1:A:70:VAL:O	2:B:410:LYS:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:414:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:415:THR:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:415:THR:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:415:THR:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:415:THR:CG2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:415:THR:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:415:THR:HG1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:415:THR:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:415:THR:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:415:THR:OG1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:417:GLY:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:417:GLY:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:417:GLY:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:417:GLY:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:417:GLY:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:418:ASN:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:418:ASN:H	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD21	1	0.25
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD22	1	0.25
(1,10)	1:A:70:VAL:O	2:B:418:ASN:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:418:ASN:ND2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:418:ASN:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:418:ASN:OD1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:419:ALA:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:419:ALA:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:419:ALA:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:419:ALA:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:420:GLU:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CD	1	0.25
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:420:GLU:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:420:GLU:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:420:GLU:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:421:PHE:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:423:ALA:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:423:ALA:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:423:ALA:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:423:ALA:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:424:SER:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:424:SER:CA	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:424:SER:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:424:SER:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:424:SER:HG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:424:SER:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:424:SER:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:424:SER:OG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:425:LEU:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:425:LEU:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:425:LEU:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:425:LEU:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CZ	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:427:PHE:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CB	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CD	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE21	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE22	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:NE2	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:428:GLN:OE1	1	0.25
(1,10)	1:A:70:VAL:O	2:B:429:SER:C	1	0.25
(1,10)	1:A:70:VAL:O	2:B:429:SER:CA	1	0.25
(1,10)	1:A:70:VAL:O	2:B:429:SER:CB	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:429:SER:H	1	0.25
(1,10)	1:A:70:VAL:O	2:B:429:SER:HG	1	0.25
(1,10)	1:A:70:VAL:O	2:B:429:SER:N	1	0.25
(1,10)	1:A:70:VAL:O	2:B:429:SER:O	1	0.25
(1,10)	1:A:70:VAL:O	2:B:429:SER:OG	1	0.25
(1,5)	1:A:44:ILE:C	2:B:394:THR:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:394:THR:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:394:THR:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:394:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:394:THR:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:394:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:394:THR:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:394:THR:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:394:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:C	2:B:396:LYS:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:397:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:399:MET:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:399:MET:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:399:MET:CB	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:399:MET:CE	4	0.24
(1,5)	1:A:44:ILE:C	2:B:399:MET:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:399:MET:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:399:MET:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:399:MET:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:399:MET:SD	4	0.24
(1,5)	1:A:44:ILE:C	2:B:400:ASP:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:400:ASP:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:400:ASP:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:400:ASP:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:401:LEU:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:401:LEU:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:401:LEU:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:401:LEU:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:402:GLY:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:402:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:402:GLY:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:402:GLY:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:402:GLY:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:403:PHE:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:404:PRO:C	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CD	4	0.24
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:404:PRO:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:404:PRO:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:C	2:B:410:LYS:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:414:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:415:THR:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:415:THR:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:415:THR:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:415:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:415:THR:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:415:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:415:THR:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:415:THR:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:415:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:417:GLY:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:417:GLY:CA	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:417:GLY:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:417:GLY:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:417:GLY:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD21	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD22	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:ND2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:418:ASN:OD1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:419:ALA:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:419:ALA:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:419:ALA:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:419:ALA:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:420:GLU:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CD	4	0.24
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:420:GLU:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:420:GLU:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:420:GLU:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:421:PHE:O	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:423:ALA:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:423:ALA:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:423:ALA:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:423:ALA:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:424:SER:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:424:SER:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:424:SER:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:424:SER:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:424:SER:HG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:424:SER:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:424:SER:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:424:SER:OG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:425:LEU:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:425:LEU:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:425:LEU:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:425:LEU:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:427:PHE:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE21	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:428:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:C	2:B:429:SER:C	4	0.24
(1,5)	1:A:44:ILE:C	2:B:429:SER:CA	4	0.24
(1,5)	1:A:44:ILE:C	2:B:429:SER:CB	4	0.24
(1,5)	1:A:44:ILE:C	2:B:429:SER:H	4	0.24
(1,5)	1:A:44:ILE:C	2:B:429:SER:HG	4	0.24
(1,5)	1:A:44:ILE:C	2:B:429:SER:N	4	0.24
(1,5)	1:A:44:ILE:C	2:B:429:SER:O	4	0.24
(1,5)	1:A:44:ILE:C	2:B:429:SER:OG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:394:THR:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:394:THR:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:394:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:394:THR:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:394:THR:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:394:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE21	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:399:MET:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CE	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:399:MET:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:399:MET:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:399:MET:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:399:MET:SD	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD2	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CD	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:415:THR:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CB	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:415:THR:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:415:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:415:THR:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:415:THR:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:415:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD21	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD22	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:ND2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:OD1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CD	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD1	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:424:SER:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:424:SER:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:424:SER:HG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:424:SER:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:424:SER:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:424:SER:OG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:N	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:429:SER:C	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CA	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CB	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:429:SER:H	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:429:SER:HG	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:429:SER:N	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:429:SER:O	4	0.24
(1,5)	1:A:44:ILE:CA	2:B:429:SER:OG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:394:THR:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:394:THR:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:394:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:394:THR:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:394:THR:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:394:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:NZ	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:399:MET:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CE	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:399:MET:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:399:MET:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:399:MET:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:399:MET:SD	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:CA	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CD	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE21	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:415:THR:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:415:THR:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:415:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:415:THR:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:415:THR:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:415:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD21	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD22	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:ND2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:OD1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CD	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:H	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:424:SER:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:424:SER:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:424:SER:HG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:424:SER:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:424:SER:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:424:SER:OG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CB	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:429:SER:C	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CA	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CB	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:429:SER:H	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:429:SER:HG	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:429:SER:N	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:429:SER:O	4	0.24
(1,5)	1:A:44:ILE:CB	2:B:429:SER:OG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CD	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CE	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:SD	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CB	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CD	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:NZ	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD21	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD22	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:ND2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:OD1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:H	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CD	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:HG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:OG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD1	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:C	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CA	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CB	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:H	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:HG	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:N	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:O	4	0.24
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:OG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:H	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CE	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:SD	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CG	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CD	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CD	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD21	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD22	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:ND2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:OD1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CD	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:H	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:HG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:OG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:C	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CA	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CB	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:H	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:HG	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:N	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:O	4	0.24
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:OG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CE	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CG	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:SD	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CB	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CD	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:N	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD21	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD22	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:ND2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:OD1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CD	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CA	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:HG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:OG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:N	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:C	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CA	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CB	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:H	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:HG	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:N	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:O	4	0.24
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:OG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:394:THR:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:394:THR:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:394:THR:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:394:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:394:THR:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:394:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:394:THR:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:394:THR:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:394:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:H	2:B:396:LYS:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:N	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:397:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:397:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:399:MET:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:399:MET:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:399:MET:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:399:MET:CE	4	0.24
(1,5)	1:A:44:ILE:H	2:B:399:MET:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:399:MET:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:399:MET:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:399:MET:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:399:MET:SD	4	0.24
(1,5)	1:A:44:ILE:H	2:B:400:ASP:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:400:ASP:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:400:ASP:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:400:ASP:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:401:LEU:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:401:LEU:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:401:LEU:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:401:LEU:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:402:GLY:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:402:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:402:GLY:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:402:GLY:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:402:GLY:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE2	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:403:PHE:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:404:PRO:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CD	4	0.24
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:404:PRO:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:404:PRO:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:H	2:B:410:LYS:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:414:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:415:THR:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:415:THR:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:415:THR:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:415:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:415:THR:H	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:415:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:415:THR:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:415:THR:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:415:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:417:GLY:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:417:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:417:GLY:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:417:GLY:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:417:GLY:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD21	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD22	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:ND2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:418:ASN:OD1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:419:ALA:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:419:ALA:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:419:ALA:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:419:ALA:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:420:GLU:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CD	4	0.24
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:420:GLU:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:420:GLU:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:420:GLU:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE1	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:421:PHE:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:423:ALA:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:423:ALA:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:423:ALA:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:423:ALA:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:424:SER:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:424:SER:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:424:SER:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:424:SER:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:424:SER:HG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:424:SER:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:424:SER:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:424:SER:OG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:425:LEU:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:425:LEU:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:425:LEU:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:425:LEU:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:427:PHE:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:C	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:428:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:H	2:B:429:SER:C	4	0.24
(1,5)	1:A:44:ILE:H	2:B:429:SER:CA	4	0.24
(1,5)	1:A:44:ILE:H	2:B:429:SER:CB	4	0.24
(1,5)	1:A:44:ILE:H	2:B:429:SER:H	4	0.24
(1,5)	1:A:44:ILE:H	2:B:429:SER:HG	4	0.24
(1,5)	1:A:44:ILE:H	2:B:429:SER:N	4	0.24
(1,5)	1:A:44:ILE:H	2:B:429:SER:O	4	0.24
(1,5)	1:A:44:ILE:H	2:B:429:SER:OG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:394:THR:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:394:THR:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:394:THR:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:394:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:394:THR:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:394:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:394:THR:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:394:THR:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:394:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:N	2:B:396:LYS:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:C	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:397:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:399:MET:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:399:MET:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:399:MET:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:399:MET:CE	4	0.24
(1,5)	1:A:44:ILE:N	2:B:399:MET:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:399:MET:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:399:MET:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:399:MET:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:399:MET:SD	4	0.24
(1,5)	1:A:44:ILE:N	2:B:400:ASP:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:400:ASP:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:400:ASP:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:400:ASP:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:401:LEU:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:401:LEU:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:401:LEU:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:401:LEU:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:402:GLY:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:402:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:402:GLY:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:402:GLY:N	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:402:GLY:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:403:PHE:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:404:PRO:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CD	4	0.24
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:404:PRO:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:404:PRO:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:N	2:B:410:LYS:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:N	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:414:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:414:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:415:THR:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:415:THR:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:415:THR:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:415:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:415:THR:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:415:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:415:THR:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:415:THR:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:415:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:417:GLY:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:417:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:417:GLY:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:417:GLY:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:417:GLY:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD21	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD22	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:ND2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:418:ASN:OD1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:419:ALA:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:419:ALA:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:419:ALA:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:419:ALA:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:420:GLU:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CD	4	0.24
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:420:GLU:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:420:GLU:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:420:GLU:O	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:421:PHE:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:423:ALA:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:423:ALA:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:423:ALA:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:423:ALA:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:424:SER:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:424:SER:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:424:SER:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:424:SER:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:424:SER:HG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:424:SER:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:424:SER:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:424:SER:OG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:425:LEU:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:425:LEU:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:425:LEU:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:425:LEU:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD2	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:427:PHE:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:428:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:N	2:B:429:SER:C	4	0.24
(1,5)	1:A:44:ILE:N	2:B:429:SER:CA	4	0.24
(1,5)	1:A:44:ILE:N	2:B:429:SER:CB	4	0.24
(1,5)	1:A:44:ILE:N	2:B:429:SER:H	4	0.24
(1,5)	1:A:44:ILE:N	2:B:429:SER:HG	4	0.24
(1,5)	1:A:44:ILE:N	2:B:429:SER:N	4	0.24
(1,5)	1:A:44:ILE:N	2:B:429:SER:O	4	0.24
(1,5)	1:A:44:ILE:N	2:B:429:SER:OG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:394:THR:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:394:THR:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:394:THR:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:394:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:394:THR:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:394:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:394:THR:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:394:THR:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:394:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CG	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:396:LYS:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:O	2:B:396:LYS:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:397:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:399:MET:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:399:MET:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:399:MET:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:399:MET:CE	4	0.24
(1,5)	1:A:44:ILE:O	2:B:399:MET:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:399:MET:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:399:MET:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:399:MET:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:399:MET:SD	4	0.24
(1,5)	1:A:44:ILE:O	2:B:400:ASP:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:400:ASP:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:400:ASP:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:400:ASP:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:401:LEU:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD2	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:401:LEU:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:401:LEU:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:401:LEU:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:402:GLY:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:402:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:402:GLY:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:402:GLY:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:402:GLY:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:403:PHE:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:404:PRO:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CD	4	0.24
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:404:PRO:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:404:PRO:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CD	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CE	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ3	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:NZ	4	0.24
(1,5)	1:A:44:ILE:O	2:B:410:LYS:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:C	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:414:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:415:THR:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:415:THR:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:415:THR:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:415:THR:CG2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:415:THR:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:415:THR:HG1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:415:THR:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:415:THR:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:415:THR:OG1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:417:GLY:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:417:GLY:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:417:GLY:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:417:GLY:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:417:GLY:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD21	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD22	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:ND2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:418:ASN:OD1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:419:ALA:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:419:ALA:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:419:ALA:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:419:ALA:O	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:420:GLU:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CD	4	0.24
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:420:GLU:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:420:GLU:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:420:GLU:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:421:PHE:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:423:ALA:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:423:ALA:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:423:ALA:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:423:ALA:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:424:SER:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:424:SER:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:424:SER:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:424:SER:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:424:SER:HG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:424:SER:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:424:SER:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:424:SER:OG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:425:LEU:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CG	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:425:LEU:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:425:LEU:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:425:LEU:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CZ	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:427:PHE:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CD	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE21	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE22	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:NE2	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:428:GLN:OE1	4	0.24
(1,5)	1:A:44:ILE:O	2:B:429:SER:C	4	0.24
(1,5)	1:A:44:ILE:O	2:B:429:SER:CA	4	0.24
(1,5)	1:A:44:ILE:O	2:B:429:SER:CB	4	0.24
(1,5)	1:A:44:ILE:O	2:B:429:SER:H	4	0.24
(1,5)	1:A:44:ILE:O	2:B:429:SER:HG	4	0.24
(1,5)	1:A:44:ILE:O	2:B:429:SER:N	4	0.24
(1,5)	1:A:44:ILE:O	2:B:429:SER:O	4	0.24
(1,5)	1:A:44:ILE:O	2:B:429:SER:OG	4	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	9	0.24
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	9	0.24
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	9	0.24
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	9	0.24
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	9	0.24
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	9	0.24
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	9	0.24
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	9	0.24
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	9	0.24
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	9	0.24
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	9	0.24
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	9	0.24
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	9	0.24
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	9	0.24
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	9	0.24
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	9	0.24
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	9	0.24
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	9	0.24
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	9	0.24
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	1	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	1	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	1	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	1	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	1	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	1	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	1	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	1	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	1	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	1	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	1	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	1	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	1	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	1	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	1	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	1	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	1	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	1	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	1	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	1	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	1	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	7	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	7	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	7	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	7	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	7	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	7	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	7	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	7	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	7	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	7	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	7	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	7	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	7	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	7	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	7	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	7	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	7	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	7	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	7	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	7	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	7	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	7	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	7	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	7	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	9	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	9	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	9	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	9	0.24
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	9	0.24
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	9	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	9	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	9	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	9	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	9	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	9	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	9	0.24
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	9	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	9	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	9	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	9	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	9	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	9	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	9	0.24
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	9	0.24
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	9	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	9	0.24
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	9	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	9	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	9	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	9	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	9	0.24
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	9	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:394:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:C	2:B:396:LYS:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:N	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:397:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:397:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:CE	6	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:399:MET:SD	6	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:401:LEU:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:402:GLY:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:402:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:402:GLY:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:402:GLY:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:402:GLY:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE2	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:403:PHE:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CD	6	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:404:PRO:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:C	2:B:410:LYS:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:414:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:H	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:415:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:415:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:417:GLY:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:417:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:417:GLY:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:417:GLY:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:417:GLY:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD21	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD22	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:ND2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:418:ASN:OD1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:419:ALA:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CD	6	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE1	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:421:PHE:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:423:ALA:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:HG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:424:SER:OG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:425:LEU:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:427:PHE:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:C	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:428:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:C	6	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:CA	6	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:CB	6	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:H	6	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:HG	6	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:N	6	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:O	6	0.24
(1,10)	1:A:70:VAL:C	2:B:429:SER:OG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:394:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:C	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CE	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:399:MET:SD	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:N	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CD	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:N	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:415:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD21	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD22	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:ND2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:OD1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CD	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:O	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:HG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:424:SER:OG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD2	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:C	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CA	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CB	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:H	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:HG	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:N	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:O	6	0.24
(1,10)	1:A:70:VAL:CA	2:B:429:SER:OG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:394:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CG	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CE	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:399:MET:SD	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD2	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CD	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:C	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:415:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD21	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD22	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:ND2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:OD1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:O	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CD	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:HG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:424:SER:OG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CG	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:C	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CA	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CB	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:H	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:HG	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:N	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:O	6	0.24
(1,10)	1:A:70:VAL:CB	2:B:429:SER:OG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:N	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CE	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:SD	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:N	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CD	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CG	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD21	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD22	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:ND2	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:OD1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CD	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:HG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:N	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:OG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:C	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CA	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CB	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:H	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:HG	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:N	6	0.24
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:O	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:OG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CE	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:N	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:SD	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CD	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CG	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:C	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD21	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD22	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:ND2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:OD1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CD	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:H	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:HG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:OG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:O	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:C	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CA	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CB	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:H	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:HG	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:N	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:O	6	0.24
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:OG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:394:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:H	2:B:396:LYS:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:397:GLN:O	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:397:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:CE	6	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:399:MET:SD	6	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:401:LEU:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:402:GLY:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:402:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:402:GLY:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:402:GLY:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:402:GLY:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CZ	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:403:PHE:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:403:PHE:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CD	6	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:404:PRO:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:H	2:B:410:LYS:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:414:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:N	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:415:THR:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:415:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:417:GLY:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:417:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:417:GLY:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:417:GLY:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:417:GLY:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD21	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD22	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:ND2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:418:ASN:OD1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:419:ALA:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CD	6	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CG	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:421:PHE:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:423:ALA:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:HG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:424:SER:OG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:425:LEU:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:427:PHE:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CB	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:428:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:C	6	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:CA	6	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:CB	6	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:H	6	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:HG	6	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:N	6	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:O	6	0.24
(1,10)	1:A:70:VAL:H	2:B:429:SER:OG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:394:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:N	2:B:396:LYS:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CB	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:397:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:CE	6	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:399:MET:SD	6	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:401:LEU:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:402:GLY:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:402:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:402:GLY:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:402:GLY:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:402:GLY:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:C	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:403:PHE:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CD	6	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:404:PRO:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:N	2:B:410:LYS:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:414:GLN:O	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:414:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:415:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:417:GLY:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:417:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:417:GLY:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:417:GLY:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:417:GLY:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD21	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD22	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:ND2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:418:ASN:OD1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:419:ALA:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CD	6	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE2	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:421:PHE:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:421:PHE:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:423:ALA:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:HG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:424:SER:OG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:425:LEU:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE2	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:427:PHE:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:428:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:C	6	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:CA	6	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:CB	6	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:H	6	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:HG	6	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:N	6	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:O	6	0.24
(1,10)	1:A:70:VAL:N	2:B:429:SER:OG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:394:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ1	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:O	2:B:396:LYS:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:397:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:CE	6	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:399:MET:SD	6	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:H	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:401:LEU:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:401:LEU:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:402:GLY:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:402:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:402:GLY:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:402:GLY:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:402:GLY:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:403:PHE:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CD	6	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:404:PRO:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CD	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CE	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ3	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:NZ	6	0.24
(1,10)	1:A:70:VAL:O	2:B:410:LYS:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CB	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:414:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:CG2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:HG1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:415:THR:OG1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:417:GLY:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:417:GLY:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:417:GLY:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:417:GLY:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:417:GLY:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD21	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD22	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:ND2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:418:ASN:OD1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:419:ALA:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CA	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CD	6	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:421:PHE:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:423:ALA:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:HG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:424:SER:OG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:425:LEU:N	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:425:LEU:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CZ	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:427:PHE:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CD	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE21	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE22	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:NE2	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:428:GLN:OE1	6	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:C	6	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:CA	6	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:CB	6	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:H	6	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:HG	6	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:N	6	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:O	6	0.24
(1,10)	1:A:70:VAL:O	2:B:429:SER:OG	6	0.24
(1,2)	1:A:8:LEU:C	2:B:394:THR:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:394:THR:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:394:THR:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:394:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:394:THR:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:394:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:394:THR:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:394:THR:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:394:THR:OG1	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:396:LYS:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:C	2:B:396:LYS:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:397:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:399:MET:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:399:MET:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:399:MET:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:399:MET:CE	1	0.23
(1,2)	1:A:8:LEU:C	2:B:399:MET:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:399:MET:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:399:MET:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:399:MET:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:399:MET:SD	1	0.23
(1,2)	1:A:8:LEU:C	2:B:400:ASP:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:400:ASP:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:400:ASP:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:400:ASP:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD1	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:401:LEU:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:401:LEU:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:401:LEU:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:401:LEU:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:402:GLY:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:402:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:402:GLY:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:402:GLY:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:402:GLY:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:403:PHE:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:404:PRO:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CD	1	0.23
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:404:PRO:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:404:PRO:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ1	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:C	2:B:410:LYS:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:414:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:415:THR:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:415:THR:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:415:THR:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:415:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:415:THR:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:415:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:415:THR:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:415:THR:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:415:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:417:GLY:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:417:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:417:GLY:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:417:GLY:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:417:GLY:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD21	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD22	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:ND2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:418:ASN:OD1	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:419:ALA:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:419:ALA:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:419:ALA:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:419:ALA:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:420:GLU:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CD	1	0.23
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:420:GLU:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:420:GLU:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:420:GLU:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:421:PHE:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:423:ALA:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:423:ALA:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:423:ALA:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:423:ALA:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:424:SER:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:424:SER:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:424:SER:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:424:SER:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:424:SER:HG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:424:SER:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:424:SER:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:424:SER:OG	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:425:LEU:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:425:LEU:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:425:LEU:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:425:LEU:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:427:PHE:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:428:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:C	2:B:429:SER:C	1	0.23
(1,2)	1:A:8:LEU:C	2:B:429:SER:CA	1	0.23
(1,2)	1:A:8:LEU:C	2:B:429:SER:CB	1	0.23
(1,2)	1:A:8:LEU:C	2:B:429:SER:H	1	0.23
(1,2)	1:A:8:LEU:C	2:B:429:SER:HG	1	0.23
(1,2)	1:A:8:LEU:C	2:B:429:SER:N	1	0.23
(1,2)	1:A:8:LEU:C	2:B:429:SER:O	1	0.23
(1,2)	1:A:8:LEU:C	2:B:429:SER:OG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:394:THR:C	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:394:THR:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:394:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:394:THR:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:394:THR:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:394:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:399:MET:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CE	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:399:MET:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:399:MET:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:399:MET:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:399:MET:SD	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CD	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:O	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:415:THR:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:415:THR:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:415:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:415:THR:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:415:THR:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:415:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CB	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD21	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD22	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:ND2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:OD1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CD	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:O	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:424:SER:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:424:SER:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:424:SER:HG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:424:SER:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:424:SER:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:424:SER:OG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:429:SER:C	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CA	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CB	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:429:SER:H	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:429:SER:HG	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:429:SER:N	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:429:SER:O	1	0.23
(1,2)	1:A:8:LEU:CA	2:B:429:SER:OG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:394:THR:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:394:THR:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:394:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:394:THR:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:394:THR:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:394:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:399:MET:C	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CE	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:399:MET:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:399:MET:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:399:MET:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:399:MET:SD	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:N	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CD	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:415:THR:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:415:THR:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:415:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:415:THR:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:415:THR:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:415:THR:OG1	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD21	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD22	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:ND2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:OD1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CD	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:H	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:424:SER:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:424:SER:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:424:SER:HG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:424:SER:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:424:SER:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:424:SER:OG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CG	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:429:SER:C	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CA	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CB	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:429:SER:H	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:429:SER:HG	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:429:SER:N	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:429:SER:O	1	0.23
(1,2)	1:A:8:LEU:CB	2:B:429:SER:OG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CG	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CE	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:SD	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CB	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CD	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:C	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD21	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD22	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:ND2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:OD1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CD	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CA	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:HG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:OG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CZ	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:C	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CA	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CB	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:H	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:HG	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:N	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:O	1	0.23
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:OG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ3	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CE	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:SD	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:O	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CD	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CG	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD21	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD22	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:ND2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:OD1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CD	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:HG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:OG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:C	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:C	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CA	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CB	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:H	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:HG	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:N	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:O	1	0.23
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:OG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:394:THR:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:394:THR:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:394:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:394:THR:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:394:THR:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:394:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CA	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:399:MET:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CE	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:399:MET:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:399:MET:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:399:MET:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:399:MET:SD	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:C	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CD	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ3	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:415:THR:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:415:THR:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:415:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:415:THR:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:415:THR:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:415:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD21	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD22	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:ND2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:OD1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CA	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CD	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:424:SER:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:424:SER:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:424:SER:HG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:424:SER:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:424:SER:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:424:SER:OG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CA	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:429:SER:C	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CA	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CB	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:429:SER:H	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:429:SER:HG	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:429:SER:N	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:429:SER:O	1	0.23
(1,2)	1:A:8:LEU:CG	2:B:429:SER:OG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:394:THR:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:394:THR:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:394:THR:CB	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:394:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:394:THR:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:394:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:394:THR:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:394:THR:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:394:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:H	2:B:396:LYS:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:397:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:399:MET:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:399:MET:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:399:MET:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:399:MET:CE	1	0.23
(1,2)	1:A:8:LEU:H	2:B:399:MET:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:399:MET:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:399:MET:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:399:MET:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:399:MET:SD	1	0.23
(1,2)	1:A:8:LEU:H	2:B:400:ASP:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CA	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:400:ASP:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:400:ASP:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:400:ASP:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:401:LEU:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:401:LEU:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:401:LEU:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:401:LEU:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:402:GLY:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:402:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:402:GLY:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:402:GLY:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:402:GLY:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:403:PHE:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:404:PRO:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CD	1	0.23
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:404:PRO:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:404:PRO:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CA	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:H	2:B:410:LYS:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:414:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:415:THR:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:415:THR:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:415:THR:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:415:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:415:THR:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:415:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:415:THR:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:415:THR:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:415:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:417:GLY:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:417:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:417:GLY:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:417:GLY:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:417:GLY:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:418:ASN:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:418:ASN:H	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD21	1	0.23
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD22	1	0.23
(1,2)	1:A:8:LEU:H	2:B:418:ASN:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:418:ASN:ND2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:418:ASN:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:418:ASN:OD1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:419:ALA:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:419:ALA:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:419:ALA:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:419:ALA:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:420:GLU:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CD	1	0.23
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:420:GLU:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:420:GLU:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:420:GLU:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:421:PHE:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:423:ALA:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:423:ALA:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:423:ALA:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:423:ALA:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:424:SER:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:424:SER:CA	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:424:SER:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:424:SER:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:424:SER:HG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:424:SER:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:424:SER:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:424:SER:OG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:425:LEU:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:425:LEU:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:425:LEU:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:425:LEU:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:427:PHE:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:428:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:H	2:B:429:SER:C	1	0.23
(1,2)	1:A:8:LEU:H	2:B:429:SER:CA	1	0.23
(1,2)	1:A:8:LEU:H	2:B:429:SER:CB	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:429:SER:H	1	0.23
(1,2)	1:A:8:LEU:H	2:B:429:SER:HG	1	0.23
(1,2)	1:A:8:LEU:H	2:B:429:SER:N	1	0.23
(1,2)	1:A:8:LEU:H	2:B:429:SER:O	1	0.23
(1,2)	1:A:8:LEU:H	2:B:429:SER:OG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:394:THR:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:394:THR:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:394:THR:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:394:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:394:THR:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:394:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:394:THR:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:394:THR:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:394:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:N	2:B:396:LYS:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:397:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:399:MET:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:399:MET:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:399:MET:CB	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:399:MET:CE	1	0.23
(1,2)	1:A:8:LEU:N	2:B:399:MET:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:399:MET:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:399:MET:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:399:MET:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:399:MET:SD	1	0.23
(1,2)	1:A:8:LEU:N	2:B:400:ASP:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:400:ASP:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:400:ASP:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:400:ASP:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:401:LEU:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:401:LEU:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:401:LEU:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:401:LEU:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:402:GLY:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:402:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:402:GLY:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:402:GLY:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:402:GLY:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:403:PHE:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:404:PRO:C	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CD	1	0.23
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:404:PRO:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:404:PRO:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:N	2:B:410:LYS:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:414:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:415:THR:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:415:THR:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:415:THR:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:415:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:415:THR:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:415:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:415:THR:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:415:THR:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:415:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:417:GLY:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:417:GLY:CA	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:417:GLY:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:417:GLY:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:417:GLY:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD21	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD22	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:ND2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:418:ASN:OD1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:419:ALA:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:419:ALA:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:419:ALA:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:419:ALA:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:420:GLU:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CD	1	0.23
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:420:GLU:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:420:GLU:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:420:GLU:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:421:PHE:O	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:423:ALA:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:423:ALA:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:423:ALA:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:423:ALA:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:424:SER:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:424:SER:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:424:SER:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:424:SER:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:424:SER:HG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:424:SER:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:424:SER:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:424:SER:OG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:425:LEU:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:425:LEU:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:425:LEU:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:425:LEU:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:427:PHE:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE21	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:428:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:N	2:B:429:SER:C	1	0.23
(1,2)	1:A:8:LEU:N	2:B:429:SER:CA	1	0.23
(1,2)	1:A:8:LEU:N	2:B:429:SER:CB	1	0.23
(1,2)	1:A:8:LEU:N	2:B:429:SER:H	1	0.23
(1,2)	1:A:8:LEU:N	2:B:429:SER:HG	1	0.23
(1,2)	1:A:8:LEU:N	2:B:429:SER:N	1	0.23
(1,2)	1:A:8:LEU:N	2:B:429:SER:O	1	0.23
(1,2)	1:A:8:LEU:N	2:B:429:SER:OG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:394:THR:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:394:THR:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:394:THR:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:394:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:394:THR:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:394:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:394:THR:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:394:THR:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:394:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:O	2:B:396:LYS:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE21	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:397:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:399:MET:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:399:MET:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:399:MET:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:399:MET:CE	1	0.23
(1,2)	1:A:8:LEU:O	2:B:399:MET:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:399:MET:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:399:MET:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:399:MET:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:399:MET:SD	1	0.23
(1,2)	1:A:8:LEU:O	2:B:400:ASP:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:400:ASP:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:400:ASP:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:400:ASP:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:401:LEU:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:401:LEU:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:401:LEU:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:401:LEU:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:402:GLY:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:402:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:402:GLY:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:402:GLY:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:402:GLY:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD2	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:403:PHE:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:404:PRO:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CD	1	0.23
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:404:PRO:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:404:PRO:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CD	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CE	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ3	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:NZ	1	0.23
(1,2)	1:A:8:LEU:O	2:B:410:LYS:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:414:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:415:THR:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:415:THR:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:415:THR:CB	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:415:THR:CG2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:415:THR:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:415:THR:HG1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:415:THR:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:415:THR:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:415:THR:OG1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:417:GLY:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:417:GLY:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:417:GLY:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:417:GLY:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:417:GLY:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD21	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD22	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:ND2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:418:ASN:OD1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:419:ALA:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:419:ALA:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:419:ALA:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:419:ALA:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:420:GLU:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CD	1	0.23
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:420:GLU:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:420:GLU:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:420:GLU:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD1	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:421:PHE:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:423:ALA:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:423:ALA:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:423:ALA:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:423:ALA:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:424:SER:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:424:SER:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:424:SER:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:424:SER:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:424:SER:HG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:424:SER:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:424:SER:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:424:SER:OG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:425:LEU:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:425:LEU:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:425:LEU:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:425:LEU:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CZ	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:427:PHE:N	1	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:427:PHE:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CD	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE21	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE22	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:NE2	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:428:GLN:OE1	1	0.23
(1,2)	1:A:8:LEU:O	2:B:429:SER:C	1	0.23
(1,2)	1:A:8:LEU:O	2:B:429:SER:CA	1	0.23
(1,2)	1:A:8:LEU:O	2:B:429:SER:CB	1	0.23
(1,2)	1:A:8:LEU:O	2:B:429:SER:H	1	0.23
(1,2)	1:A:8:LEU:O	2:B:429:SER:HG	1	0.23
(1,2)	1:A:8:LEU:O	2:B:429:SER:N	1	0.23
(1,2)	1:A:8:LEU:O	2:B:429:SER:O	1	0.23
(1,2)	1:A:8:LEU:O	2:B:429:SER:OG	1	0.23
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	5	0.22
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	5	0.22
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	5	0.22
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	5	0.22
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	5	0.22
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	5	0.22
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	5	0.22
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	5	0.22
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	5	0.22
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	5	0.22
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	5	0.22
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	5	0.22
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	5	0.22
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	5	0.22
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	5	0.22
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	5	0.22
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	5	0.22
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	5	0.22
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	5	0.22
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	5	0.22
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	5	0.22
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	5	0.22
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	5	0.22
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	5	0.22
(1,10)	1:A:70:VAL:C	2:B:394:THR:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:394:THR:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:394:THR:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:394:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:394:THR:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:394:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:394:THR:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:394:THR:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:394:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:C	2:B:396:LYS:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:397:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:399:MET:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:399:MET:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:399:MET:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:399:MET:CE	9	0.22
(1,10)	1:A:70:VAL:C	2:B:399:MET:CG	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:399:MET:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:399:MET:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:399:MET:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:399:MET:SD	9	0.22
(1,10)	1:A:70:VAL:C	2:B:400:ASP:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:400:ASP:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:400:ASP:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:400:ASP:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:401:LEU:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:401:LEU:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:401:LEU:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:401:LEU:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:402:GLY:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:402:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:402:GLY:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:402:GLY:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:402:GLY:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:403:PHE:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:404:PRO:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CB	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CD	9	0.22
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:404:PRO:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:404:PRO:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:C	2:B:410:LYS:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:414:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:415:THR:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:415:THR:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:415:THR:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:415:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:415:THR:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:415:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:415:THR:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:415:THR:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:415:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:417:GLY:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:417:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:417:GLY:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:417:GLY:N	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:417:GLY:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD21	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD22	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:ND2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:418:ASN:OD1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:419:ALA:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:419:ALA:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:419:ALA:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:419:ALA:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:420:GLU:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CD	9	0.22
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:420:GLU:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:420:GLU:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:420:GLU:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:421:PHE:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:423:ALA:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CA	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:423:ALA:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:423:ALA:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:423:ALA:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:424:SER:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:424:SER:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:424:SER:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:424:SER:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:424:SER:HG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:424:SER:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:424:SER:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:424:SER:OG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:425:LEU:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:425:LEU:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:425:LEU:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:425:LEU:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:427:PHE:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:N	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:428:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:428:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:C	2:B:429:SER:C	9	0.22
(1,10)	1:A:70:VAL:C	2:B:429:SER:CA	9	0.22
(1,10)	1:A:70:VAL:C	2:B:429:SER:CB	9	0.22
(1,10)	1:A:70:VAL:C	2:B:429:SER:H	9	0.22
(1,10)	1:A:70:VAL:C	2:B:429:SER:HG	9	0.22
(1,10)	1:A:70:VAL:C	2:B:429:SER:N	9	0.22
(1,10)	1:A:70:VAL:C	2:B:429:SER:O	9	0.22
(1,10)	1:A:70:VAL:C	2:B:429:SER:OG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:394:THR:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:394:THR:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:394:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:394:THR:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:394:THR:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:394:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:N	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:399:MET:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CE	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:399:MET:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:399:MET:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:399:MET:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:399:MET:SD	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE2	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CD	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:415:THR:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:415:THR:H	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:415:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:415:THR:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:415:THR:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:415:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD21	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD22	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:ND2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:OD1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CD	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE1	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:424:SER:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:424:SER:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:424:SER:HG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:424:SER:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:424:SER:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:424:SER:OG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:C	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:429:SER:C	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CA	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CB	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:429:SER:H	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:429:SER:HG	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:429:SER:N	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:429:SER:O	9	0.22
(1,10)	1:A:70:VAL:CA	2:B:429:SER:OG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:394:THR:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:394:THR:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:394:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:394:THR:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:394:THR:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:394:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:C	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:399:MET:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CE	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:399:MET:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:399:MET:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:399:MET:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:399:MET:SD	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:N	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CD	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:N	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:415:THR:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:415:THR:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:415:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:415:THR:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:415:THR:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:415:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD21	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD22	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:ND2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:OD1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CD	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:O	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:424:SER:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:424:SER:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:424:SER:HG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:424:SER:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:424:SER:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:424:SER:OG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD2	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:429:SER:C	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CA	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CB	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:429:SER:H	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:429:SER:HG	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:429:SER:N	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:429:SER:O	9	0.22
(1,10)	1:A:70:VAL:CB	2:B:429:SER:OG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CG	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CE	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:SD	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD2	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CD	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:C	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD21	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD22	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:ND2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:OD1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:O	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CD	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:HG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:OG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CG	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:C	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CA	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CB	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:H	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:HG	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:N	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:O	9	0.22
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:OG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:N	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CE	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:SD	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:N	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CD	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CG	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD21	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD22	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:ND2	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:OD1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CD	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:HG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:N	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:OG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:O	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:C	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CA	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CB	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:H	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:HG	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:N	9	0.22
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:O	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:OG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:394:THR:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:394:THR:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:394:THR:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:394:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:394:THR:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:394:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:394:THR:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:394:THR:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:394:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:H	2:B:396:LYS:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:397:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:399:MET:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:399:MET:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:399:MET:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:399:MET:CE	9	0.22
(1,10)	1:A:70:VAL:H	2:B:399:MET:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:399:MET:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:399:MET:N	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:399:MET:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:399:MET:SD	9	0.22
(1,10)	1:A:70:VAL:H	2:B:400:ASP:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:400:ASP:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:400:ASP:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:400:ASP:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:401:LEU:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:401:LEU:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:401:LEU:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:401:LEU:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:402:GLY:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:402:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:402:GLY:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:402:GLY:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:402:GLY:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:403:PHE:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:404:PRO:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CD	9	0.22
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CG	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:404:PRO:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:404:PRO:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:H	2:B:410:LYS:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:414:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:415:THR:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:415:THR:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:415:THR:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:415:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:415:THR:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:415:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:415:THR:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:415:THR:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:415:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:417:GLY:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:417:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:417:GLY:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:417:GLY:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:417:GLY:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:418:ASN:C	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:418:ASN:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD21	9	0.22
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD22	9	0.22
(1,10)	1:A:70:VAL:H	2:B:418:ASN:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:418:ASN:ND2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:418:ASN:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:418:ASN:OD1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:419:ALA:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:419:ALA:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:419:ALA:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:419:ALA:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:420:GLU:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CD	9	0.22
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:420:GLU:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:420:GLU:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:420:GLU:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:421:PHE:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:423:ALA:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:423:ALA:H	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:423:ALA:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:423:ALA:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:424:SER:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:424:SER:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:424:SER:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:424:SER:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:424:SER:HG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:424:SER:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:424:SER:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:424:SER:OG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:425:LEU:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:425:LEU:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:425:LEU:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:425:LEU:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:427:PHE:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:H	2:B:428:GLN:O	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:428:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:H	2:B:429:SER:C	9	0.22
(1,10)	1:A:70:VAL:H	2:B:429:SER:CA	9	0.22
(1,10)	1:A:70:VAL:H	2:B:429:SER:CB	9	0.22
(1,10)	1:A:70:VAL:H	2:B:429:SER:H	9	0.22
(1,10)	1:A:70:VAL:H	2:B:429:SER:HG	9	0.22
(1,10)	1:A:70:VAL:H	2:B:429:SER:N	9	0.22
(1,10)	1:A:70:VAL:H	2:B:429:SER:O	9	0.22
(1,10)	1:A:70:VAL:H	2:B:429:SER:OG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:394:THR:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:394:THR:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:394:THR:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:394:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:394:THR:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:394:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:394:THR:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:394:THR:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:394:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:N	2:B:396:LYS:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:397:GLN:O	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:397:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:399:MET:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:399:MET:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:399:MET:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:399:MET:CE	9	0.22
(1,10)	1:A:70:VAL:N	2:B:399:MET:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:399:MET:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:399:MET:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:399:MET:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:399:MET:SD	9	0.22
(1,10)	1:A:70:VAL:N	2:B:400:ASP:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:400:ASP:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:400:ASP:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:400:ASP:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:401:LEU:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:401:LEU:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:401:LEU:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:401:LEU:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:402:GLY:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:402:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:402:GLY:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:402:GLY:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:402:GLY:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CZ	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:403:PHE:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:403:PHE:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:404:PRO:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CD	9	0.22
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:404:PRO:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:404:PRO:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:N	2:B:410:LYS:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:414:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:415:THR:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:415:THR:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:415:THR:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:415:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:415:THR:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:415:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:415:THR:N	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:415:THR:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:415:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:417:GLY:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:417:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:417:GLY:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:417:GLY:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:417:GLY:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD21	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD22	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:ND2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:418:ASN:OD1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:419:ALA:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:419:ALA:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:419:ALA:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:419:ALA:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:420:GLU:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CD	9	0.22
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:420:GLU:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:420:GLU:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:420:GLU:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CG	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:421:PHE:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:423:ALA:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:423:ALA:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:423:ALA:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:423:ALA:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:424:SER:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:424:SER:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:424:SER:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:424:SER:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:424:SER:HG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:424:SER:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:424:SER:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:424:SER:OG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:425:LEU:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:425:LEU:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:425:LEU:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:425:LEU:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:427:PHE:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CB	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:428:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:N	2:B:429:SER:C	9	0.22
(1,10)	1:A:70:VAL:N	2:B:429:SER:CA	9	0.22
(1,10)	1:A:70:VAL:N	2:B:429:SER:CB	9	0.22
(1,10)	1:A:70:VAL:N	2:B:429:SER:H	9	0.22
(1,10)	1:A:70:VAL:N	2:B:429:SER:HG	9	0.22
(1,10)	1:A:70:VAL:N	2:B:429:SER:N	9	0.22
(1,10)	1:A:70:VAL:N	2:B:429:SER:O	9	0.22
(1,10)	1:A:70:VAL:N	2:B:429:SER:OG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:394:THR:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:394:THR:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:394:THR:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:394:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:394:THR:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:394:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:394:THR:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:394:THR:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:394:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:O	2:B:396:LYS:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CB	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:397:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:399:MET:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:399:MET:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:399:MET:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:399:MET:CE	9	0.22
(1,10)	1:A:70:VAL:O	2:B:399:MET:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:399:MET:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:399:MET:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:399:MET:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:399:MET:SD	9	0.22
(1,10)	1:A:70:VAL:O	2:B:400:ASP:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:400:ASP:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:400:ASP:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:400:ASP:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:401:LEU:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:401:LEU:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:401:LEU:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:401:LEU:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:402:GLY:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:402:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:402:GLY:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:402:GLY:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:402:GLY:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:C	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:403:PHE:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:404:PRO:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CD	9	0.22
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:404:PRO:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:404:PRO:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CD	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CE	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ3	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:NZ	9	0.22
(1,10)	1:A:70:VAL:O	2:B:410:LYS:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:414:GLN:O	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:414:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:415:THR:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:415:THR:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:415:THR:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:415:THR:CG2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:415:THR:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:415:THR:HG1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:415:THR:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:415:THR:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:415:THR:OG1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:417:GLY:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:417:GLY:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:417:GLY:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:417:GLY:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:417:GLY:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD21	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD22	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:ND2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:418:ASN:OD1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:419:ALA:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:419:ALA:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:419:ALA:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:419:ALA:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:420:GLU:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CD	9	0.22
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:420:GLU:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:420:GLU:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:420:GLU:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE2	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:421:PHE:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:421:PHE:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:423:ALA:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:423:ALA:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:423:ALA:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:423:ALA:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:424:SER:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:424:SER:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:424:SER:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:424:SER:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:424:SER:HG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:424:SER:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:424:SER:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:424:SER:OG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:425:LEU:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:425:LEU:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:425:LEU:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:425:LEU:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE2	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CZ	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:427:PHE:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CD	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE21	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE22	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:NE2	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:428:GLN:OE1	9	0.22
(1,10)	1:A:70:VAL:O	2:B:429:SER:C	9	0.22
(1,10)	1:A:70:VAL:O	2:B:429:SER:CA	9	0.22
(1,10)	1:A:70:VAL:O	2:B:429:SER:CB	9	0.22
(1,10)	1:A:70:VAL:O	2:B:429:SER:H	9	0.22
(1,10)	1:A:70:VAL:O	2:B:429:SER:HG	9	0.22
(1,10)	1:A:70:VAL:O	2:B:429:SER:N	9	0.22
(1,10)	1:A:70:VAL:O	2:B:429:SER:O	9	0.22
(1,10)	1:A:70:VAL:O	2:B:429:SER:OG	9	0.22
(1,2)	1:A:8:LEU:C	2:B:394:THR:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:394:THR:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:394:THR:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:394:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:394:THR:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:394:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:394:THR:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:394:THR:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:394:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ1	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:C	2:B:396:LYS:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:397:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:399:MET:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:399:MET:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:399:MET:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:399:MET:CE	9	0.21
(1,2)	1:A:8:LEU:C	2:B:399:MET:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:399:MET:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:399:MET:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:399:MET:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:399:MET:SD	9	0.21
(1,2)	1:A:8:LEU:C	2:B:400:ASP:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:400:ASP:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:400:ASP:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:400:ASP:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:401:LEU:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:401:LEU:H	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:401:LEU:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:401:LEU:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:402:GLY:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:402:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:402:GLY:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:402:GLY:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:402:GLY:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:403:PHE:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:404:PRO:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CD	9	0.21
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:404:PRO:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:404:PRO:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:C	2:B:410:LYS:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CB	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:414:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:415:THR:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:415:THR:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:415:THR:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:415:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:415:THR:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:415:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:415:THR:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:415:THR:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:415:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:417:GLY:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:417:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:417:GLY:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:417:GLY:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:417:GLY:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD21	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD22	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:ND2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:418:ASN:OD1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:419:ALA:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:419:ALA:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:419:ALA:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:419:ALA:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:420:GLU:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CA	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CD	9	0.21
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:420:GLU:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:420:GLU:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:420:GLU:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:421:PHE:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:423:ALA:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:423:ALA:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:423:ALA:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:423:ALA:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:424:SER:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:424:SER:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:424:SER:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:424:SER:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:424:SER:HG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:424:SER:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:424:SER:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:424:SER:OG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:425:LEU:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:425:LEU:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:425:LEU:N	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:425:LEU:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:427:PHE:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:428:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:C	2:B:429:SER:C	9	0.21
(1,2)	1:A:8:LEU:C	2:B:429:SER:CA	9	0.21
(1,2)	1:A:8:LEU:C	2:B:429:SER:CB	9	0.21
(1,2)	1:A:8:LEU:C	2:B:429:SER:H	9	0.21
(1,2)	1:A:8:LEU:C	2:B:429:SER:HG	9	0.21
(1,2)	1:A:8:LEU:C	2:B:429:SER:N	9	0.21
(1,2)	1:A:8:LEU:C	2:B:429:SER:O	9	0.21
(1,2)	1:A:8:LEU:C	2:B:429:SER:OG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:394:THR:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:394:THR:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:394:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:394:THR:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:394:THR:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:394:THR:OG1	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:399:MET:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CE	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:399:MET:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:399:MET:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:399:MET:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:399:MET:SD	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD1	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CD	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ1	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:415:THR:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:415:THR:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:415:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:415:THR:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:415:THR:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:415:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD21	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD22	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:ND2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:OD1	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CD	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:424:SER:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:424:SER:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:424:SER:HG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:424:SER:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:424:SER:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:424:SER:OG	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:429:SER:C	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CA	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CB	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:429:SER:H	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:429:SER:HG	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:429:SER:N	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:429:SER:O	9	0.21
(1,2)	1:A:8:LEU:CA	2:B:429:SER:OG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:394:THR:C	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:394:THR:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:394:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:394:THR:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:394:THR:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:394:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:399:MET:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CE	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:399:MET:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:399:MET:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:399:MET:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:399:MET:SD	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CD	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:O	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:415:THR:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:415:THR:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:415:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:415:THR:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:415:THR:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:415:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CB	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD21	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD22	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:ND2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:OD1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CD	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:O	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:424:SER:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:424:SER:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:424:SER:HG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:424:SER:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:424:SER:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:424:SER:OG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:429:SER:C	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CA	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CB	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:429:SER:H	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:429:SER:HG	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:429:SER:N	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:429:SER:O	9	0.21
(1,2)	1:A:8:LEU:CB	2:B:429:SER:OG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:C	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CE	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:SD	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:N	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CD	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:OG1	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD21	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD22	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:ND2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:OD1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CD	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:H	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:HG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:OG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CG	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:C	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CA	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CB	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:H	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:HG	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:N	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:O	9	0.21
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:OG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CG	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CE	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:SD	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CB	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CD	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:C	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD21	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD22	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:ND2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:OD1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CD	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CA	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:HG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:OG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CZ	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:C	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CA	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CB	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:H	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:HG	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:N	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:O	9	0.21
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:OG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:394:THR:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:394:THR:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:394:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:394:THR:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:394:THR:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:394:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ3	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:399:MET:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CE	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:399:MET:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:399:MET:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:399:MET:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:399:MET:SD	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:O	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CD	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CG	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:415:THR:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:415:THR:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:415:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:415:THR:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:415:THR:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:415:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD21	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD22	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:ND2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:OD1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CD	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:424:SER:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:424:SER:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:424:SER:HG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:424:SER:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:424:SER:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:424:SER:OG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:C	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:429:SER:C	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CA	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CB	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:429:SER:H	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:429:SER:HG	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:429:SER:N	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:429:SER:O	9	0.21
(1,2)	1:A:8:LEU:CG	2:B:429:SER:OG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:394:THR:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:394:THR:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:394:THR:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:394:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:394:THR:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:394:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:394:THR:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:394:THR:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:394:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CA	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:H	2:B:396:LYS:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:397:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:399:MET:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:399:MET:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:399:MET:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:399:MET:CE	9	0.21
(1,2)	1:A:8:LEU:H	2:B:399:MET:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:399:MET:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:399:MET:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:399:MET:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:399:MET:SD	9	0.21
(1,2)	1:A:8:LEU:H	2:B:400:ASP:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:400:ASP:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:400:ASP:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:400:ASP:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:401:LEU:C	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:401:LEU:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:401:LEU:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:401:LEU:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:402:GLY:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:402:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:402:GLY:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:402:GLY:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:402:GLY:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:403:PHE:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:404:PRO:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CD	9	0.21
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:404:PRO:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:404:PRO:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ3	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:410:LYS:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:H	2:B:410:LYS:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:414:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:415:THR:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:415:THR:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:415:THR:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:415:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:415:THR:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:415:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:415:THR:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:415:THR:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:415:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:417:GLY:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:417:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:417:GLY:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:417:GLY:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:417:GLY:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD21	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD22	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:ND2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:418:ASN:OD1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:419:ALA:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CA	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:419:ALA:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:419:ALA:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:419:ALA:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:420:GLU:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CD	9	0.21
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:420:GLU:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:420:GLU:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:420:GLU:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:421:PHE:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:423:ALA:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:423:ALA:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:423:ALA:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:423:ALA:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:424:SER:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:424:SER:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:424:SER:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:424:SER:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:424:SER:HG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:424:SER:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:424:SER:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:424:SER:OG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:425:LEU:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CA	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:425:LEU:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:425:LEU:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:425:LEU:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:427:PHE:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:428:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:H	2:B:429:SER:C	9	0.21
(1,2)	1:A:8:LEU:H	2:B:429:SER:CA	9	0.21
(1,2)	1:A:8:LEU:H	2:B:429:SER:CB	9	0.21
(1,2)	1:A:8:LEU:H	2:B:429:SER:H	9	0.21
(1,2)	1:A:8:LEU:H	2:B:429:SER:HG	9	0.21
(1,2)	1:A:8:LEU:H	2:B:429:SER:N	9	0.21
(1,2)	1:A:8:LEU:H	2:B:429:SER:O	9	0.21
(1,2)	1:A:8:LEU:H	2:B:429:SER:OG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:394:THR:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:394:THR:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:394:THR:CB	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:394:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:394:THR:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:394:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:394:THR:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:394:THR:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:394:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:N	2:B:396:LYS:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:397:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:399:MET:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:399:MET:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:399:MET:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:399:MET:CE	9	0.21
(1,2)	1:A:8:LEU:N	2:B:399:MET:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:399:MET:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:399:MET:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:399:MET:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:399:MET:SD	9	0.21
(1,2)	1:A:8:LEU:N	2:B:400:ASP:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CA	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:400:ASP:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:400:ASP:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:400:ASP:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:401:LEU:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:401:LEU:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:401:LEU:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:401:LEU:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:402:GLY:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:402:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:402:GLY:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:402:GLY:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:402:GLY:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:403:PHE:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:404:PRO:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CD	9	0.21
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:404:PRO:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:404:PRO:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CA	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:N	2:B:410:LYS:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:414:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:415:THR:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:415:THR:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:415:THR:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:415:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:415:THR:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:415:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:415:THR:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:415:THR:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:415:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:417:GLY:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:417:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:417:GLY:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:417:GLY:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:417:GLY:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:418:ASN:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:418:ASN:H	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD21	9	0.21
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD22	9	0.21
(1,2)	1:A:8:LEU:N	2:B:418:ASN:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:418:ASN:ND2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:418:ASN:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:418:ASN:OD1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:419:ALA:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:419:ALA:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:419:ALA:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:419:ALA:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:420:GLU:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CD	9	0.21
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:420:GLU:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:420:GLU:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:420:GLU:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:421:PHE:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:423:ALA:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:423:ALA:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:423:ALA:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:423:ALA:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:424:SER:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:424:SER:CA	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:424:SER:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:424:SER:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:424:SER:HG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:424:SER:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:424:SER:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:424:SER:OG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:425:LEU:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:425:LEU:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:425:LEU:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:425:LEU:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:427:PHE:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:428:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:N	2:B:429:SER:C	9	0.21
(1,2)	1:A:8:LEU:N	2:B:429:SER:CA	9	0.21
(1,2)	1:A:8:LEU:N	2:B:429:SER:CB	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:429:SER:H	9	0.21
(1,2)	1:A:8:LEU:N	2:B:429:SER:HG	9	0.21
(1,2)	1:A:8:LEU:N	2:B:429:SER:N	9	0.21
(1,2)	1:A:8:LEU:N	2:B:429:SER:O	9	0.21
(1,2)	1:A:8:LEU:N	2:B:429:SER:OG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:394:THR:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:394:THR:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:394:THR:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:394:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:394:THR:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:394:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:394:THR:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:394:THR:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:394:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:O	2:B:396:LYS:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:397:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:399:MET:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:399:MET:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:399:MET:CB	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:399:MET:CE	9	0.21
(1,2)	1:A:8:LEU:O	2:B:399:MET:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:399:MET:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:399:MET:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:399:MET:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:399:MET:SD	9	0.21
(1,2)	1:A:8:LEU:O	2:B:400:ASP:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:400:ASP:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:400:ASP:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:400:ASP:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:401:LEU:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:401:LEU:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:401:LEU:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:401:LEU:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:402:GLY:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:402:GLY:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:402:GLY:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:402:GLY:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:402:GLY:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:403:PHE:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:404:PRO:C	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CD	9	0.21
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:404:PRO:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:404:PRO:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CD	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CE	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ3	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:NZ	9	0.21
(1,2)	1:A:8:LEU:O	2:B:410:LYS:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE21	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:414:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:415:THR:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:415:THR:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:415:THR:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:415:THR:CG2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:415:THR:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:415:THR:HG1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:415:THR:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:415:THR:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:415:THR:OG1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:417:GLY:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:417:GLY:CA	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:417:GLY:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:417:GLY:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:417:GLY:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD21	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD22	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:ND2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:418:ASN:OD1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:419:ALA:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:419:ALA:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:419:ALA:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:419:ALA:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:420:GLU:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CD	9	0.21
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:420:GLU:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:420:GLU:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:420:GLU:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:421:PHE:O	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:423:ALA:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:423:ALA:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:423:ALA:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:423:ALA:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:424:SER:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:424:SER:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:424:SER:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:424:SER:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:424:SER:HG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:424:SER:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:424:SER:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:424:SER:OG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:425:LEU:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:425:LEU:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:425:LEU:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:425:LEU:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CZ	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:427:PHE:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CD	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE21	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE22	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:NE2	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:428:GLN:OE1	9	0.21
(1,2)	1:A:8:LEU:O	2:B:429:SER:C	9	0.21
(1,2)	1:A:8:LEU:O	2:B:429:SER:CA	9	0.21
(1,2)	1:A:8:LEU:O	2:B:429:SER:CB	9	0.21
(1,2)	1:A:8:LEU:O	2:B:429:SER:H	9	0.21
(1,2)	1:A:8:LEU:O	2:B:429:SER:HG	9	0.21
(1,2)	1:A:8:LEU:O	2:B:429:SER:N	9	0.21
(1,2)	1:A:8:LEU:O	2:B:429:SER:O	9	0.21
(1,2)	1:A:8:LEU:O	2:B:429:SER:OG	9	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	6	0.21
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	6	0.21
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	6	0.21
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	6	0.21
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	6	0.21
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	6	0.21
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	6	0.21
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	6	0.21
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	6	0.21
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	6	0.21
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	6	0.21
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	6	0.21
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	6	0.21
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	6	0.21
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	6	0.21
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	6	0.21
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	6	0.21
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	6	0.21
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	6	0.21
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	6	0.21
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	6	0.21
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	6	0.21
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	6	0.21
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	6	0.21
(1,20)	2:B:428:GLN:C	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CE	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:C	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:7:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:8:LEU:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:8:LEU:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:C	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:12:THR:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:12:THR:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CB	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:39:ASP:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:39:ASP:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:NE2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:46:ALA:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:47:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:C	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:50:LEU:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:51:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:58:ASP:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:58:ASP:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:C	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:C	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:C	1:A:60:ASN:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:61:ILE:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:66:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:71:LEU:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:71:LEU:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HE	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:C	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:75:GLY:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:C	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:C	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:C	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:C	1:A:76:GLY:N	10	0.2
(1,20)	2:B:428:GLN:C	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:7:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ1	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:12:THR:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:12:THR:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CD	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:CG	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CB	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:61:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:66:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:H	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NE	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CA	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:7:THR:CG2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:12:THR:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:12:THR:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH12	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CB	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:61:ILE:O	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:66:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CD	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:H	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CB	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:7:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:12:THR:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:12:THR:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:O	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:NH2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:O	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:61:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:66:THR:HG1	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH12	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CD	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:7:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:H	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:12:THR:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:12:THR:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CD	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CD	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CG1	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CD1	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:61:ILE:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:66:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CB	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:NH2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:CG	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:N	10	0.2
(1,20)	2:B:428:GLN:CG	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CD2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:H	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:7:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:8:LEU:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:8:LEU:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:9:THR:CG2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:H	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:12:THR:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:12:THR:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:34:GLU:OE2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:39:ASP:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:39:ASP:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:NE2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:46:ALA:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:47:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:H	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:HE22	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:50:LEU:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:51:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:58:ASP:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:58:ASP:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:H	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:61:ILE:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:66:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:71:LEU:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:71:LEU:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CD2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:H	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:H	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:75:GLY:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:H	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:H	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:H	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:H	1:A:76:GLY:N	10	0.2
(1,20)	2:B:428:GLN:H	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:CG2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CD	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CG	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:61:ILE:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CB	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:N	10	0.2
(1,20)	2:B:428:GLN:HE21	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CE	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CB	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:NE2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:61:ILE:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HE	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:N	10	0.2
(1,20)	2:B:428:GLN:HE22	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:N	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:7:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:8:LEU:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:8:LEU:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ1	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:N	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:12:THR:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:12:THR:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:39:ASP:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:39:ASP:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CD	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:46:ALA:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:47:GLY:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:N	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:50:LEU:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:51:GLU:CG	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:58:ASP:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:58:ASP:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CB	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:61:ILE:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:66:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:71:LEU:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:71:LEU:H	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NE	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:N	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:75:GLY:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:N	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:N	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:N	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:N	1:A:76:GLY:N	10	0.2
(1,20)	2:B:428:GLN:N	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:CG2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH12	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CB	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:61:ILE:O	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CD	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:H	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:N	10	0.2
(1,20)	2:B:428:GLN:NE2	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:O	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:7:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:8:LEU:C	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:8:LEU:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:O	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:12:THR:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:12:THR:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:39:ASP:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:39:ASP:O	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:42:ARG:NH2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:46:ALA:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:47:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:O	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:50:LEU:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:51:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:58:ASP:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:58:ASP:O	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:61:ILE:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:66:THR:HG1	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:71:LEU:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:71:LEU:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH12	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:O	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:75:GLY:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:O	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:O	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:O	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:O	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:O	1:A:76:GLY:N	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:O	1:A:76:GLY:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:4:PHE:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:6:LYS:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:7:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:H	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:8:LEU:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:9:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:10:GLY:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:11:LYS:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:12:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CD	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:34:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:36:ILE:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:37:PRO:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:38:PRO:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:39:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CD	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:40:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:41:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:42:ARG:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CG1	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:44:ILE:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CD2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CE1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CE2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:CZ	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:45:PHE:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:46:ALA:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:47:GLY:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CE	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:HZ3	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:NZ	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:48:LYS:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CA	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:HE21	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:HE22	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:NE2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:49:GLN:OE1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:50:LEU:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:OE1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:51:GLU:OE2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:OD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:58:ASP:OD2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CD1	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CD2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CE1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CE2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:CZ	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:HH	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:59:TYR:OH	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:HD21	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:HD22	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:ND2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:60:ASN:OD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:CG2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:61:ILE:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:CG2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:HG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:66:THR:OG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CB	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CD2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CE1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:HE2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:ND1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:NE2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:68:HIS:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CG1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:CG2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:70:VAL:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:71:LEU:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:NH2	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:428:GLN:OE1	1:A:72:ARG:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CD1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CD2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:73:LEU:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CB	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CD	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CG	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:CZ	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HE	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH11	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH12	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH21	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:HH22	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NE	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NH1	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:NH2	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:74:ARG:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:75:GLY:O	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:C	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:CA	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:H	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:N	10	0.2
(1,20)	2:B:428:GLN:OE1	1:A:76:GLY:O	10	0.2
(1,2)	1:A:8:LEU:C	2:B:394:THR:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:394:THR:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:394:THR:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:394:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:394:THR:H	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:394:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:394:THR:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:394:THR:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:394:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:C	2:B:396:LYS:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:397:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:399:MET:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:399:MET:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:399:MET:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:399:MET:CE	4	0.2
(1,2)	1:A:8:LEU:C	2:B:399:MET:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:399:MET:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:399:MET:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:399:MET:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:399:MET:SD	4	0.2
(1,2)	1:A:8:LEU:C	2:B:400:ASP:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:400:ASP:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:400:ASP:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:400:ASP:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:401:LEU:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:401:LEU:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:401:LEU:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:401:LEU:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:402:GLY:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:402:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:402:GLY:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:402:GLY:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:402:GLY:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:403:PHE:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:404:PRO:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CD	4	0.2
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:404:PRO:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:404:PRO:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CD	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:C	2:B:410:LYS:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:414:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:415:THR:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:415:THR:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:415:THR:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:415:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:415:THR:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:415:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:415:THR:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:415:THR:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:415:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:417:GLY:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:417:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:417:GLY:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:417:GLY:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:417:GLY:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:418:ASN:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:418:ASN:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD21	4	0.2
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD22	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:418:ASN:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:418:ASN:ND2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:418:ASN:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:418:ASN:OD1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:419:ALA:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:419:ALA:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:419:ALA:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:419:ALA:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:420:GLU:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CD	4	0.2
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:420:GLU:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:420:GLU:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:420:GLU:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:421:PHE:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:423:ALA:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:423:ALA:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:423:ALA:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:423:ALA:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:424:SER:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:424:SER:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:424:SER:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:424:SER:H	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:424:SER:HG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:424:SER:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:424:SER:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:424:SER:OG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:425:LEU:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:425:LEU:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:425:LEU:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:425:LEU:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:427:PHE:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:428:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:C	2:B:429:SER:C	4	0.2
(1,2)	1:A:8:LEU:C	2:B:429:SER:CA	4	0.2
(1,2)	1:A:8:LEU:C	2:B:429:SER:CB	4	0.2
(1,2)	1:A:8:LEU:C	2:B:429:SER:H	4	0.2
(1,2)	1:A:8:LEU:C	2:B:429:SER:HG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:429:SER:N	4	0.2
(1,2)	1:A:8:LEU:C	2:B:429:SER:O	4	0.2
(1,2)	1:A:8:LEU:C	2:B:429:SER:OG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:394:THR:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:394:THR:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:394:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:394:THR:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:394:THR:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:394:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:399:MET:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CE	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:399:MET:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:399:MET:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:399:MET:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:399:MET:SD	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CD	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:415:THR:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:415:THR:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:415:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:415:THR:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:415:THR:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:415:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD21	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD22	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:ND2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:OD1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CD	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:424:SER:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:424:SER:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:424:SER:HG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:424:SER:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:424:SER:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:424:SER:OG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:429:SER:C	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CA	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CB	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:429:SER:H	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:429:SER:HG	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:429:SER:N	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:429:SER:O	4	0.2
(1,2)	1:A:8:LEU:CA	2:B:429:SER:OG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:394:THR:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:394:THR:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:394:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:394:THR:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:394:THR:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:394:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:399:MET:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CE	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:399:MET:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:399:MET:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:399:MET:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:399:MET:SD	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CD	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:415:THR:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:415:THR:H	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:415:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:415:THR:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:415:THR:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:415:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD21	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD22	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:ND2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:OD1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CD	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:424:SER:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:424:SER:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:424:SER:HG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:424:SER:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:424:SER:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:424:SER:OG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:429:SER:C	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CA	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CB	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:429:SER:H	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:429:SER:HG	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:429:SER:N	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:429:SER:O	4	0.2
(1,2)	1:A:8:LEU:CB	2:B:429:SER:OG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CE	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:SD	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CD	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD21	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD22	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:ND2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:OD1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CD	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:HG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:OG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:C	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CA	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CB	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:H	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:HG	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:N	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:O	4	0.2
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:OG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CE	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:SD	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CD	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD21	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD22	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:ND2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:OD1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CD	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:HG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:OG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:C	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CA	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CB	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:H	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:HG	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:N	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:O	4	0.2
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:OG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:394:THR:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:394:THR:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:394:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:394:THR:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:394:THR:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:394:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:399:MET:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CE	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:399:MET:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:399:MET:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:399:MET:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:399:MET:SD	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CD	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:415:THR:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:415:THR:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:415:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:415:THR:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:415:THR:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:415:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD21	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD22	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:ND2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:OD1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CD	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:424:SER:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:424:SER:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:424:SER:HG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:424:SER:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:424:SER:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:424:SER:OG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:O	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:429:SER:C	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CA	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CB	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:429:SER:H	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:429:SER:HG	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:429:SER:N	4	0.2
(1,2)	1:A:8:LEU:CG	2:B:429:SER:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:429:SER:OG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:394:THR:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:394:THR:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:394:THR:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:394:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:394:THR:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:394:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:394:THR:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:394:THR:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:394:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:H	2:B:396:LYS:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:397:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:399:MET:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:399:MET:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:399:MET:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:399:MET:CE	4	0.2
(1,2)	1:A:8:LEU:H	2:B:399:MET:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:399:MET:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:399:MET:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:399:MET:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:399:MET:SD	4	0.2
(1,2)	1:A:8:LEU:H	2:B:400:ASP:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:400:ASP:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:400:ASP:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:400:ASP:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:401:LEU:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:401:LEU:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:401:LEU:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:401:LEU:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:402:GLY:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:402:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:402:GLY:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:402:GLY:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:402:GLY:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:403:PHE:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:404:PRO:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CD	4	0.2
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:404:PRO:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:404:PRO:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:H	2:B:410:LYS:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:414:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:415:THR:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:415:THR:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:415:THR:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:415:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:415:THR:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:415:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:415:THR:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:415:THR:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:415:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:417:GLY:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:417:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:417:GLY:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:417:GLY:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:417:GLY:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:418:ASN:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:418:ASN:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD21	4	0.2
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD22	4	0.2
(1,2)	1:A:8:LEU:H	2:B:418:ASN:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:418:ASN:ND2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:418:ASN:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:418:ASN:OD1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:419:ALA:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:419:ALA:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:419:ALA:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:419:ALA:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:420:GLU:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CD	4	0.2
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:420:GLU:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:420:GLU:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:420:GLU:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:421:PHE:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:423:ALA:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:423:ALA:H	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:423:ALA:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:423:ALA:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:424:SER:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:424:SER:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:424:SER:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:424:SER:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:424:SER:HG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:424:SER:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:424:SER:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:424:SER:OG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:425:LEU:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:425:LEU:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:425:LEU:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:425:LEU:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:427:PHE:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:H	2:B:428:GLN:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:428:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:H	2:B:429:SER:C	4	0.2
(1,2)	1:A:8:LEU:H	2:B:429:SER:CA	4	0.2
(1,2)	1:A:8:LEU:H	2:B:429:SER:CB	4	0.2
(1,2)	1:A:8:LEU:H	2:B:429:SER:H	4	0.2
(1,2)	1:A:8:LEU:H	2:B:429:SER:HG	4	0.2
(1,2)	1:A:8:LEU:H	2:B:429:SER:N	4	0.2
(1,2)	1:A:8:LEU:H	2:B:429:SER:O	4	0.2
(1,2)	1:A:8:LEU:H	2:B:429:SER:OG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:394:THR:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:394:THR:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:394:THR:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:394:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:394:THR:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:394:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:394:THR:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:394:THR:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:394:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:N	2:B:396:LYS:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:397:GLN:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:397:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:399:MET:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:399:MET:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:399:MET:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:399:MET:CE	4	0.2
(1,2)	1:A:8:LEU:N	2:B:399:MET:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:399:MET:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:399:MET:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:399:MET:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:399:MET:SD	4	0.2
(1,2)	1:A:8:LEU:N	2:B:400:ASP:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:400:ASP:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:400:ASP:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:400:ASP:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:401:LEU:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:401:LEU:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:401:LEU:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:401:LEU:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:402:GLY:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:402:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:402:GLY:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:402:GLY:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:402:GLY:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CZ	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:403:PHE:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:403:PHE:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:404:PRO:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CD	4	0.2
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:404:PRO:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:404:PRO:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:N	2:B:410:LYS:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:414:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:415:THR:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:415:THR:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:415:THR:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:415:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:415:THR:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:415:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:415:THR:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:415:THR:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:415:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:417:GLY:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:417:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:417:GLY:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:417:GLY:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:417:GLY:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD21	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD22	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:ND2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:418:ASN:OD1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:419:ALA:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:419:ALA:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:419:ALA:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:419:ALA:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:420:GLU:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CD	4	0.2
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:420:GLU:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:420:GLU:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:420:GLU:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:421:PHE:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:423:ALA:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:423:ALA:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:423:ALA:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:423:ALA:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:424:SER:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:424:SER:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:424:SER:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:424:SER:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:424:SER:HG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:424:SER:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:424:SER:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:424:SER:OG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:425:LEU:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:425:LEU:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:425:LEU:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:425:LEU:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:427:PHE:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:428:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:N	2:B:429:SER:C	4	0.2
(1,2)	1:A:8:LEU:N	2:B:429:SER:CA	4	0.2
(1,2)	1:A:8:LEU:N	2:B:429:SER:CB	4	0.2
(1,2)	1:A:8:LEU:N	2:B:429:SER:H	4	0.2
(1,2)	1:A:8:LEU:N	2:B:429:SER:HG	4	0.2
(1,2)	1:A:8:LEU:N	2:B:429:SER:N	4	0.2
(1,2)	1:A:8:LEU:N	2:B:429:SER:O	4	0.2
(1,2)	1:A:8:LEU:N	2:B:429:SER:OG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:394:THR:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:394:THR:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:394:THR:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:394:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:394:THR:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:394:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:394:THR:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:394:THR:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:394:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:O	2:B:396:LYS:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:397:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:399:MET:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:399:MET:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:399:MET:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:399:MET:CE	4	0.2
(1,2)	1:A:8:LEU:O	2:B:399:MET:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:399:MET:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:399:MET:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:399:MET:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:399:MET:SD	4	0.2
(1,2)	1:A:8:LEU:O	2:B:400:ASP:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:400:ASP:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:400:ASP:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:400:ASP:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:401:LEU:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:401:LEU:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:401:LEU:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:401:LEU:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:402:GLY:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:402:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:402:GLY:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:402:GLY:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:402:GLY:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:403:PHE:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:404:PRO:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CD	4	0.2
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:404:PRO:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:404:PRO:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CD	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CE	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ3	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:NZ	4	0.2
(1,2)	1:A:8:LEU:O	2:B:410:LYS:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:414:GLN:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:414:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:415:THR:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:415:THR:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:415:THR:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:415:THR:CG2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:415:THR:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:415:THR:HG1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:415:THR:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:415:THR:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:415:THR:OG1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:417:GLY:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:417:GLY:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:417:GLY:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:417:GLY:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:417:GLY:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD21	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD22	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:ND2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:418:ASN:OD1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:419:ALA:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:419:ALA:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:419:ALA:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:419:ALA:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:420:GLU:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CD	4	0.2
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:420:GLU:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:420:GLU:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:420:GLU:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:421:PHE:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:421:PHE:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:423:ALA:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:423:ALA:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:423:ALA:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:423:ALA:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:424:SER:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:424:SER:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:424:SER:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:424:SER:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:424:SER:HG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:424:SER:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:424:SER:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:424:SER:OG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:425:LEU:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:425:LEU:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:425:LEU:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:425:LEU:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CZ	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:427:PHE:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CD	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE21	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE22	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:NE2	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:428:GLN:OE1	4	0.2
(1,2)	1:A:8:LEU:O	2:B:429:SER:C	4	0.2
(1,2)	1:A:8:LEU:O	2:B:429:SER:CA	4	0.2
(1,2)	1:A:8:LEU:O	2:B:429:SER:CB	4	0.2
(1,2)	1:A:8:LEU:O	2:B:429:SER:H	4	0.2
(1,2)	1:A:8:LEU:O	2:B:429:SER:HG	4	0.2
(1,2)	1:A:8:LEU:O	2:B:429:SER:N	4	0.2
(1,2)	1:A:8:LEU:O	2:B:429:SER:O	4	0.2
(1,2)	1:A:8:LEU:O	2:B:429:SER:OG	4	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	7	0.2
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	7	0.2
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	7	0.2
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	7	0.2
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	7	0.2
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	7	0.2
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	7	0.2
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	7	0.2
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	7	0.2
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	7	0.2
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	7	0.2
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	7	0.2
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	7	0.2
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	7	0.2
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	7	0.2
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	7	0.2
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	7	0.2
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	7	0.2
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	7	0.2
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	7	0.2
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	7	0.2
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	7	0.2
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	7	0.2
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	7	0.2
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:4:PHE:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:4:PHE:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:C	1:A:6:LYS:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:7:THR:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:7:THR:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:7:THR:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:7:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:7:THR:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:7:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:7:THR:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:7:THR:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:7:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:8:LEU:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:8:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:8:LEU:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:8:LEU:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:8:LEU:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:9:THR:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:9:THR:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:9:THR:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:9:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:9:THR:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:9:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:9:THR:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:9:THR:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:9:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:10:GLY:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:10:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:10:GLY:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:10:GLY:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:10:GLY:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:C	1:A:11:LYS:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:12:THR:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:12:THR:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:12:THR:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:12:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:12:THR:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:12:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:12:THR:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:12:THR:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:12:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:34:GLU:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:34:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:34:GLU:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:34:GLU:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:34:GLU:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:34:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:36:ILE:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:36:ILE:CG2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:36:ILE:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:36:ILE:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:36:ILE:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:37:PRO:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:37:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:37:PRO:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:37:PRO:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:38:PRO:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:38:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:38:PRO:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:38:PRO:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:39:ASP:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:39:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:39:ASP:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:39:ASP:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:39:ASP:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:39:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:40:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:41:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:41:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:42:ARG:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:44:ILE:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:44:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:44:ILE:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:44:ILE:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:44:ILE:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CG	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:45:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:45:PHE:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:46:ALA:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:46:ALA:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:46:ALA:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:46:ALA:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:46:ALA:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:47:GLY:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:47:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:47:GLY:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:47:GLY:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:47:GLY:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:C	1:A:48:LYS:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:49:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:50:LEU:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:50:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:50:LEU:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:50:LEU:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:50:LEU:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:51:GLU:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:51:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:51:GLU:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:51:GLU:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:51:GLU:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:51:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:58:ASP:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:58:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:58:ASP:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:58:ASP:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:58:ASP:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:58:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CD2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CE2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:CZ	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:HH	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:59:TYR:OH	7	0.2
(1,16)	2:B:420:GLU:C	1:A:60:ASN:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:60:ASN:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:60:ASN:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD21	7	0.2
(1,16)	2:B:420:GLU:C	1:A:60:ASN:HD22	7	0.2
(1,16)	2:B:420:GLU:C	1:A:60:ASN:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:60:ASN:ND2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:60:ASN:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:60:ASN:OD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:61:ILE:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:61:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:61:ILE:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:61:ILE:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:61:ILE:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:66:THR:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:66:THR:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:66:THR:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:66:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:66:THR:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:66:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:66:THR:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:66:THR:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:66:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CD2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CE1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:HE2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:ND1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:NE2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:68:HIS:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:70:VAL:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:70:VAL:CG2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:70:VAL:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:70:VAL:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:70:VAL:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:71:LEU:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:71:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:71:LEU:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:71:LEU:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:71:LEU:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:72:ARG:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:73:LEU:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:73:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:73:LEU:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:73:LEU:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:73:LEU:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:C	1:A:74:ARG:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:75:GLY:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:75:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:75:GLY:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:75:GLY:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:75:GLY:O	7	0.2
(1,16)	2:B:420:GLU:C	1:A:76:GLY:C	7	0.2
(1,16)	2:B:420:GLU:C	1:A:76:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:C	1:A:76:GLY:H	7	0.2
(1,16)	2:B:420:GLU:C	1:A:76:GLY:N	7	0.2
(1,16)	2:B:420:GLU:C	1:A:76:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:4:PHE:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CE	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:6:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:7:THR:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:7:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:7:THR:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:7:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:7:THR:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:7:THR:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:7:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:8:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:9:THR:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:9:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:9:THR:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:9:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:9:THR:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:9:THR:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:9:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:10:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:11:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:12:THR:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:12:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:12:THR:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:12:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:12:THR:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:12:THR:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:12:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:34:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:36:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:37:PRO:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:38:PRO:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:39:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:40:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:NE2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:41:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:42:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:44:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:45:PHE:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:46:ALA:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:47:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:48:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:49:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:50:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:51:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:58:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CD2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CE2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:CZ	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:HH	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:59:TYR:OH	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD21	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:HD22	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:ND2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:60:ASN:OD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:61:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:66:THR:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:66:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:66:THR:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:66:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:66:THR:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:66:THR:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:66:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CD2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CE1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:HE2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:ND1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:NE2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:68:HIS:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:CG2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:70:VAL:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:71:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:72:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:73:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HE	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:74:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:75:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CA	1:A:76:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:4:PHE:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:6:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:7:THR:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:7:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:7:THR:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:7:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:7:THR:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:7:THR:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:7:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:8:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:9:THR:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:9:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:9:THR:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:9:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:9:THR:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:9:THR:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:9:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:10:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ1	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:11:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:12:THR:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:12:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:12:THR:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:12:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:12:THR:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:12:THR:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:12:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:34:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:36:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:37:PRO:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:38:PRO:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:39:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:40:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:41:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:42:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:44:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:45:PHE:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:46:ALA:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:47:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:48:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:49:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:50:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:CG	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:51:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:58:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CD2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CE2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:CZ	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:HH	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:59:TYR:OH	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD21	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:HD22	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:ND2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:60:ASN:OD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:61:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:66:THR:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:66:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:66:THR:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:66:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:66:THR:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:66:THR:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:66:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CD2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CE1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:HE2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:ND1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:NE2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:68:HIS:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:CG2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:70:VAL:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:H	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:71:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:72:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:73:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NE	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:74:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:75:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CB	1:A:76:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:4:PHE:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:6:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:7:THR:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:7:THR:CG2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:7:THR:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:7:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:7:THR:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:7:THR:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:7:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:8:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:9:THR:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:9:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:9:THR:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:9:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:9:THR:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:9:THR:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:9:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:10:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:11:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:12:THR:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:12:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:12:THR:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:12:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:12:THR:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:12:THR:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:12:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:34:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:36:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:37:PRO:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:38:PRO:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:39:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:40:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:41:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH12	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:42:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:44:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:45:PHE:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:46:ALA:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:47:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:48:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:49:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:50:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:51:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:58:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CD2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CE2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:CZ	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:HH	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:59:TYR:OH	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD21	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:HD22	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:ND2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:60:ASN:OD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:61:ILE:O	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:66:THR:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:66:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:66:THR:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:66:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:66:THR:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:66:THR:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:66:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CD2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CE1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:HE2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:ND1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:NE2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:68:HIS:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:CG2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:70:VAL:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:71:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:72:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:73:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:74:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:H	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:75:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CD	1:A:76:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:4:PHE:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:6:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:7:THR:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:7:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:7:THR:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:7:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:7:THR:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:7:THR:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:7:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:8:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:9:THR:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:9:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:9:THR:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:9:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:9:THR:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:9:THR:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:9:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:10:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:11:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:12:THR:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:12:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:12:THR:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:12:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:12:THR:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:12:THR:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:12:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:34:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:36:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:37:PRO:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:38:PRO:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:O	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:39:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:40:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:41:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:NH2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:42:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:44:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:45:PHE:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:46:ALA:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:47:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:48:LYS:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:49:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:50:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:51:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:O	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:58:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CD2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CE2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:CZ	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:HH	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:59:TYR:OH	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD21	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:HD22	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:ND2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:60:ASN:OD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:61:ILE:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:66:THR:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:66:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:66:THR:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:66:THR:HG1	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:66:THR:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:66:THR:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:66:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CD2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CE1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:HE2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:ND1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:NE2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:68:HIS:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:CG2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:70:VAL:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:71:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH12	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:72:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:73:LEU:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:74:ARG:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:N	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:75:GLY:O	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:C	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:H	7	0.2
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:CG	1:A:76:GLY:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:4:PHE:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:H	1:A:6:LYS:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:7:THR:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:7:THR:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:7:THR:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:7:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:7:THR:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:7:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:7:THR:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:7:THR:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:7:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:8:LEU:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:8:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:8:LEU:H	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:8:LEU:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:8:LEU:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:9:THR:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:9:THR:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:9:THR:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:9:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:9:THR:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:9:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:9:THR:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:9:THR:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:9:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:10:GLY:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:10:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:10:GLY:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:10:GLY:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:10:GLY:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:H	1:A:11:LYS:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:12:THR:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:12:THR:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:12:THR:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:12:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:12:THR:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:12:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:12:THR:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:12:THR:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:12:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:34:GLU:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:34:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:34:GLU:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:34:GLU:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:34:GLU:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:34:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:36:ILE:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:36:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:36:ILE:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:36:ILE:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:36:ILE:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:37:PRO:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:37:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:37:PRO:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:37:PRO:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:38:PRO:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:38:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:38:PRO:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:38:PRO:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:39:ASP:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:39:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:39:ASP:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:39:ASP:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:39:ASP:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:39:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:40:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:40:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:41:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:42:ARG:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:44:ILE:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG1	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:44:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:44:ILE:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:44:ILE:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:44:ILE:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:45:PHE:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:46:ALA:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:46:ALA:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:46:ALA:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:46:ALA:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:46:ALA:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:47:GLY:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:47:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:47:GLY:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:47:GLY:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:47:GLY:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:H	1:A:48:LYS:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:49:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:50:LEU:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:50:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:50:LEU:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:50:LEU:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:50:LEU:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:51:GLU:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:51:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:51:GLU:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:51:GLU:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:51:GLU:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:51:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:58:ASP:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:58:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:58:ASP:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:58:ASP:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:58:ASP:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:58:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD1	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CD2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CE2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:CZ	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:HH	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:59:TYR:OH	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD21	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:HD22	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:ND2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:60:ASN:OD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:61:ILE:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:61:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:61:ILE:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:61:ILE:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:61:ILE:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:66:THR:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:66:THR:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:66:THR:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:66:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:66:THR:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:66:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:66:THR:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:66:THR:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:66:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CD2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CE1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:HE2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:ND1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:NE2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:68:HIS:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:70:VAL:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:70:VAL:CG2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:70:VAL:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:70:VAL:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:70:VAL:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:71:LEU:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:71:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:71:LEU:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:71:LEU:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:71:LEU:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:72:ARG:NH2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:H	1:A:72:ARG:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:73:LEU:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:73:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:73:LEU:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:73:LEU:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:73:LEU:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:H	1:A:74:ARG:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:75:GLY:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:75:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:75:GLY:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:75:GLY:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:75:GLY:O	7	0.2
(1,16)	2:B:420:GLU:H	1:A:76:GLY:C	7	0.2
(1,16)	2:B:420:GLU:H	1:A:76:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:H	1:A:76:GLY:H	7	0.2
(1,16)	2:B:420:GLU:H	1:A:76:GLY:N	7	0.2
(1,16)	2:B:420:GLU:H	1:A:76:GLY:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CD2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:4:PHE:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:N	1:A:6:LYS:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:7:THR:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:7:THR:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:7:THR:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:7:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:7:THR:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:7:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:7:THR:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:7:THR:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:7:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:8:LEU:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:8:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:8:LEU:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:8:LEU:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:8:LEU:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:9:THR:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:9:THR:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:9:THR:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:9:THR:CG2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:9:THR:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:9:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:9:THR:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:9:THR:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:9:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:10:GLY:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:10:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:10:GLY:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:10:GLY:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:10:GLY:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:N	1:A:11:LYS:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:12:THR:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:12:THR:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:12:THR:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:12:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:12:THR:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:12:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:12:THR:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:12:THR:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:12:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:34:GLU:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:34:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:34:GLU:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:34:GLU:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:34:GLU:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:34:GLU:OE2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:36:ILE:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:36:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:36:ILE:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:36:ILE:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:36:ILE:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:37:PRO:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:37:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:37:PRO:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:37:PRO:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:38:PRO:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:38:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:38:PRO:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:38:PRO:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:39:ASP:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:39:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:39:ASP:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:39:ASP:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:39:ASP:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:39:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:NE2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:40:GLN:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:40:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:41:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:42:ARG:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:44:ILE:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:44:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:44:ILE:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:44:ILE:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:44:ILE:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:45:PHE:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:46:ALA:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:46:ALA:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:46:ALA:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:46:ALA:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:46:ALA:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:47:GLY:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:47:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:47:GLY:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:47:GLY:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:47:GLY:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:N	1:A:48:LYS:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:HE22	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:49:GLN:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:49:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:50:LEU:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:50:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:50:LEU:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:50:LEU:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:50:LEU:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:51:GLU:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:51:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:51:GLU:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:51:GLU:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:51:GLU:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:51:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:58:ASP:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:58:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:58:ASP:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:58:ASP:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:58:ASP:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:58:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CD2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CE2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:CZ	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:H	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:59:TYR:HH	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:59:TYR:OH	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD21	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:HD22	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:ND2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:60:ASN:OD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:61:ILE:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:61:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:61:ILE:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:61:ILE:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:61:ILE:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:66:THR:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:66:THR:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:66:THR:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:66:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:66:THR:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:66:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:66:THR:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:66:THR:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:66:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CD2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CE1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:HE2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:68:HIS:ND1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:NE2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:68:HIS:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:70:VAL:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:70:VAL:CG2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:70:VAL:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:70:VAL:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:70:VAL:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:71:LEU:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:71:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:71:LEU:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:71:LEU:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:71:LEU:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:72:ARG:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:73:LEU:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CD2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:N	1:A:73:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:73:LEU:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:73:LEU:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:73:LEU:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:N	1:A:74:ARG:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:75:GLY:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:75:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:75:GLY:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:75:GLY:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:75:GLY:O	7	0.2
(1,16)	2:B:420:GLU:N	1:A:76:GLY:C	7	0.2
(1,16)	2:B:420:GLU:N	1:A:76:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:N	1:A:76:GLY:H	7	0.2
(1,16)	2:B:420:GLU:N	1:A:76:GLY:N	7	0.2
(1,16)	2:B:420:GLU:N	1:A:76:GLY:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:4:PHE:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:4:PHE:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:O	1:A:6:LYS:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:7:THR:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:7:THR:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:7:THR:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:7:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:7:THR:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:7:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:7:THR:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:7:THR:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:7:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:8:LEU:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:8:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:8:LEU:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:8:LEU:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:8:LEU:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:9:THR:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:9:THR:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:9:THR:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:9:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:9:THR:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:9:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:9:THR:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:9:THR:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:9:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:10:GLY:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:10:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:10:GLY:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:10:GLY:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:10:GLY:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:O	1:A:11:LYS:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:12:THR:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:12:THR:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:12:THR:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:12:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:12:THR:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:12:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:12:THR:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:12:THR:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:12:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:34:GLU:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:34:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:34:GLU:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:34:GLU:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:34:GLU:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:34:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:36:ILE:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:36:ILE:CG2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:36:ILE:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:36:ILE:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:36:ILE:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:37:PRO:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:37:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:37:PRO:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:37:PRO:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:38:PRO:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:38:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:38:PRO:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:38:PRO:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:39:ASP:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:39:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:39:ASP:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:39:ASP:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:39:ASP:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:39:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:40:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:41:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:41:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:42:ARG:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:44:ILE:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:44:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:44:ILE:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:44:ILE:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:44:ILE:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CG	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:45:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:45:PHE:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:46:ALA:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:46:ALA:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:46:ALA:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:46:ALA:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:46:ALA:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:47:GLY:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:47:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:47:GLY:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:47:GLY:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:47:GLY:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:O	1:A:48:LYS:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:49:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:50:LEU:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:50:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:50:LEU:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:50:LEU:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:50:LEU:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:51:GLU:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:51:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:51:GLU:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:51:GLU:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:51:GLU:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:51:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:58:ASP:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:58:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:58:ASP:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:58:ASP:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:58:ASP:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:58:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CD2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CE2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:CZ	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:HH	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:59:TYR:OH	7	0.2
(1,16)	2:B:420:GLU:O	1:A:60:ASN:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:60:ASN:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:60:ASN:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD21	7	0.2
(1,16)	2:B:420:GLU:O	1:A:60:ASN:HD22	7	0.2
(1,16)	2:B:420:GLU:O	1:A:60:ASN:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:60:ASN:ND2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:60:ASN:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:60:ASN:OD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:61:ILE:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:61:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:61:ILE:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:61:ILE:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:61:ILE:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:66:THR:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:66:THR:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:66:THR:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:66:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:66:THR:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:66:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:66:THR:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:66:THR:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:66:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CD2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CE1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:HE2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:ND1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:NE2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:68:HIS:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:70:VAL:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:70:VAL:CG2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:70:VAL:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:70:VAL:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:70:VAL:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:71:LEU:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:71:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:71:LEU:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:71:LEU:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:71:LEU:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:72:ARG:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:73:LEU:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:73:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:73:LEU:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:73:LEU:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:73:LEU:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:O	1:A:74:ARG:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:75:GLY:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:75:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:75:GLY:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:75:GLY:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:75:GLY:O	7	0.2
(1,16)	2:B:420:GLU:O	1:A:76:GLY:C	7	0.2
(1,16)	2:B:420:GLU:O	1:A:76:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:O	1:A:76:GLY:H	7	0.2
(1,16)	2:B:420:GLU:O	1:A:76:GLY:N	7	0.2
(1,16)	2:B:420:GLU:O	1:A:76:GLY:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:4:PHE:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CE	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:6:LYS:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:7:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:8:LEU:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:9:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:10:GLY:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:11:LYS:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:12:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:34:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:36:ILE:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:37:PRO:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:38:PRO:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:39:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:40:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:NE2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:41:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:42:ARG:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:44:ILE:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:45:PHE:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:46:ALA:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:47:GLY:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:48:LYS:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:49:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:50:LEU:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:51:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:58:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CD2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CE2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:CZ	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:HH	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:59:TYR:OH	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD21	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:HD22	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:ND2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:60:ASN:OD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:61:ILE:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:66:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CD2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CE1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:HE2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:ND1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:NE2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:68:HIS:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:CG2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:70:VAL:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:C	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:71:LEU:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:72:ARG:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:73:LEU:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HE	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:74:ARG:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:75:GLY:O	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:C	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:H	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:N	7	0.2
(1,16)	2:B:420:GLU:OE1	1:A:76:GLY:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:4:PHE:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:N	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:6:LYS:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:7:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:8:LEU:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:9:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:10:GLY:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ1	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:11:LYS:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:12:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:34:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:36:ILE:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:37:PRO:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:38:PRO:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:39:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:40:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:41:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CD	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:42:ARG:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:44:ILE:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CD2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CE2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:CZ	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:45:PHE:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:46:ALA:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:CA	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:47:GLY:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CE	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:HZ3	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:NZ	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:48:LYS:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE21	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:HE22	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:NE2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:49:GLN:OE1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:50:LEU:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:CG	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:51:GLU:OE2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:58:ASP:OD2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CD2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CE2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:CZ	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:HH	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:59:TYR:OH	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD21	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:HD22	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:ND2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:60:ASN:OD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CB	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:CG2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:61:ILE:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:CG2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:HG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:66:THR:OG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CD2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CE1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:HE2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:ND1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:NE2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:68:HIS:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:CG2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:70:VAL:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:H	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:71:LEU:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NE	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:72:ARG:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CD2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:73:LEU:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CB	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CD	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CG	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:CZ	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HE	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH11	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH12	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH21	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:HH22	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NE	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH1	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:NH2	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:74:ARG:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:75:GLY:O	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:C	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:CA	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:H	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:N	7	0.2
(1,16)	2:B:420:GLU:OE2	1:A:76:GLY:O	7	0.2
(1,3)	1:A:10:GLY:C	2:B:394:THR:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:394:THR:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:394:THR:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:394:THR:CG2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:394:THR:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:394:THR:HG1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:394:THR:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:394:THR:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:394:THR:OG1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CD	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CE	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ3	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:NZ	3	0.19
(1,3)	1:A:10:GLY:C	2:B:396:LYS:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE21	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:397:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:399:MET:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:399:MET:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:399:MET:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:399:MET:CE	3	0.19
(1,3)	1:A:10:GLY:C	2:B:399:MET:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:399:MET:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:399:MET:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:399:MET:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:399:MET:SD	3	0.19
(1,3)	1:A:10:GLY:C	2:B:400:ASP:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:400:ASP:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:400:ASP:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:400:ASP:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:401:LEU:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:401:LEU:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:401:LEU:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:401:LEU:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:402:GLY:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:402:GLY:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:402:GLY:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:402:GLY:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:402:GLY:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:403:PHE:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:404:PRO:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CD	3	0.19
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:404:PRO:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:404:PRO:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CD	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CE	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ3	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:NZ	3	0.19
(1,3)	1:A:10:GLY:C	2:B:410:LYS:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:414:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:415:THR:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:415:THR:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:415:THR:CB	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:415:THR:CG2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:415:THR:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:415:THR:HG1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:415:THR:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:415:THR:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:415:THR:OG1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:417:GLY:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:417:GLY:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:417:GLY:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:417:GLY:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:417:GLY:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD21	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD22	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:ND2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:418:ASN:OD1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:419:ALA:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:419:ALA:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:419:ALA:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:419:ALA:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:420:GLU:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CD	3	0.19
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:420:GLU:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:420:GLU:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:420:GLU:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD1	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:421:PHE:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:423:ALA:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:423:ALA:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:423:ALA:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:423:ALA:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:424:SER:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:424:SER:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:424:SER:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:424:SER:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:424:SER:HG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:424:SER:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:424:SER:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:424:SER:OG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:425:LEU:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:425:LEU:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:425:LEU:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:425:LEU:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:427:PHE:N	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:427:PHE:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:428:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:C	2:B:429:SER:C	3	0.19
(1,3)	1:A:10:GLY:C	2:B:429:SER:CA	3	0.19
(1,3)	1:A:10:GLY:C	2:B:429:SER:CB	3	0.19
(1,3)	1:A:10:GLY:C	2:B:429:SER:H	3	0.19
(1,3)	1:A:10:GLY:C	2:B:429:SER:HG	3	0.19
(1,3)	1:A:10:GLY:C	2:B:429:SER:N	3	0.19
(1,3)	1:A:10:GLY:C	2:B:429:SER:O	3	0.19
(1,3)	1:A:10:GLY:C	2:B:429:SER:OG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:394:THR:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CG2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:394:THR:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:394:THR:HG1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:394:THR:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:394:THR:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:394:THR:OG1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CD	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CE	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ3	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:NZ	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:399:MET:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CE	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:399:MET:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:399:MET:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:399:MET:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:399:MET:SD	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:CA	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CD	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CD	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CE	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ3	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:NZ	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE21	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:415:THR:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CG2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:415:THR:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:415:THR:HG1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:415:THR:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:415:THR:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:415:THR:OG1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD21	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD22	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:ND2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:OD1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CD	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:H	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:424:SER:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:424:SER:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:424:SER:HG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:424:SER:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:424:SER:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:424:SER:OG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CB	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:429:SER:C	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CA	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CB	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:429:SER:H	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:429:SER:HG	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:429:SER:N	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:429:SER:O	3	0.19
(1,3)	1:A:10:GLY:CA	2:B:429:SER:OG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:394:THR:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:394:THR:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:394:THR:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:394:THR:CG2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:394:THR:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:394:THR:HG1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:394:THR:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:394:THR:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:394:THR:OG1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CD	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CE	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ3	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:NZ	3	0.19
(1,3)	1:A:10:GLY:H	2:B:396:LYS:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:397:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:399:MET:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:399:MET:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:399:MET:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:399:MET:CE	3	0.19
(1,3)	1:A:10:GLY:H	2:B:399:MET:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:399:MET:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:399:MET:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:399:MET:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:399:MET:SD	3	0.19
(1,3)	1:A:10:GLY:H	2:B:400:ASP:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:400:ASP:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:400:ASP:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:400:ASP:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:401:LEU:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CB	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:401:LEU:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:401:LEU:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:401:LEU:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:402:GLY:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:402:GLY:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:402:GLY:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:402:GLY:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:402:GLY:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:403:PHE:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:404:PRO:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CD	3	0.19
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:404:PRO:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:404:PRO:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CD	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CE	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ3	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:410:LYS:NZ	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:410:LYS:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:414:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:415:THR:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:415:THR:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:415:THR:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:415:THR:CG2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:415:THR:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:415:THR:HG1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:415:THR:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:415:THR:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:415:THR:OG1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:417:GLY:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:417:GLY:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:417:GLY:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:417:GLY:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:417:GLY:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD21	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD22	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:ND2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:418:ASN:OD1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:419:ALA:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:419:ALA:H	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:419:ALA:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:419:ALA:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:420:GLU:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CD	3	0.19
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:420:GLU:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:420:GLU:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:420:GLU:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:421:PHE:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:423:ALA:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:423:ALA:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:423:ALA:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:423:ALA:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:424:SER:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:424:SER:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:424:SER:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:424:SER:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:424:SER:HG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:424:SER:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:424:SER:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:424:SER:OG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:425:LEU:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD1	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:425:LEU:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:425:LEU:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:425:LEU:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:427:PHE:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:428:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:H	2:B:429:SER:C	3	0.19
(1,3)	1:A:10:GLY:H	2:B:429:SER:CA	3	0.19
(1,3)	1:A:10:GLY:H	2:B:429:SER:CB	3	0.19
(1,3)	1:A:10:GLY:H	2:B:429:SER:H	3	0.19
(1,3)	1:A:10:GLY:H	2:B:429:SER:HG	3	0.19
(1,3)	1:A:10:GLY:H	2:B:429:SER:N	3	0.19
(1,3)	1:A:10:GLY:H	2:B:429:SER:O	3	0.19
(1,3)	1:A:10:GLY:H	2:B:429:SER:OG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:394:THR:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:394:THR:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:394:THR:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:394:THR:CG2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:394:THR:H	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:394:THR:HG1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:394:THR:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:394:THR:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:394:THR:OG1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CD	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CE	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ3	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:NZ	3	0.19
(1,3)	1:A:10:GLY:N	2:B:396:LYS:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:397:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:399:MET:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:399:MET:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:399:MET:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:399:MET:CE	3	0.19
(1,3)	1:A:10:GLY:N	2:B:399:MET:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:399:MET:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:399:MET:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:399:MET:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:399:MET:SD	3	0.19
(1,3)	1:A:10:GLY:N	2:B:400:ASP:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CG	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:400:ASP:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:400:ASP:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:400:ASP:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:401:LEU:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:401:LEU:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:401:LEU:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:401:LEU:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:402:GLY:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:402:GLY:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:402:GLY:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:402:GLY:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:402:GLY:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:403:PHE:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:404:PRO:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CD	3	0.19
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:404:PRO:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:404:PRO:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CD	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CE	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ3	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:NZ	3	0.19
(1,3)	1:A:10:GLY:N	2:B:410:LYS:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:414:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:415:THR:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:415:THR:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:415:THR:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:415:THR:CG2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:415:THR:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:415:THR:HG1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:415:THR:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:415:THR:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:415:THR:OG1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:417:GLY:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:417:GLY:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:417:GLY:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:417:GLY:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:417:GLY:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:418:ASN:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:418:ASN:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD21	3	0.19
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD22	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:418:ASN:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:418:ASN:ND2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:418:ASN:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:418:ASN:OD1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:419:ALA:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:419:ALA:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:419:ALA:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:419:ALA:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:420:GLU:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CD	3	0.19
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:420:GLU:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:420:GLU:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:420:GLU:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:421:PHE:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:423:ALA:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:423:ALA:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:423:ALA:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:423:ALA:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:424:SER:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:424:SER:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:424:SER:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:424:SER:H	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:424:SER:HG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:424:SER:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:424:SER:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:424:SER:OG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:425:LEU:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:425:LEU:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:425:LEU:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:425:LEU:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:427:PHE:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:428:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:N	2:B:429:SER:C	3	0.19
(1,3)	1:A:10:GLY:N	2:B:429:SER:CA	3	0.19
(1,3)	1:A:10:GLY:N	2:B:429:SER:CB	3	0.19
(1,3)	1:A:10:GLY:N	2:B:429:SER:H	3	0.19
(1,3)	1:A:10:GLY:N	2:B:429:SER:HG	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:429:SER:N	3	0.19
(1,3)	1:A:10:GLY:N	2:B:429:SER:O	3	0.19
(1,3)	1:A:10:GLY:N	2:B:429:SER:OG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:394:THR:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:394:THR:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:394:THR:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:394:THR:CG2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:394:THR:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:394:THR:HG1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:394:THR:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:394:THR:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:394:THR:OG1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CD	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CE	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ3	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:NZ	3	0.19
(1,3)	1:A:10:GLY:O	2:B:396:LYS:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:397:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:399:MET:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:399:MET:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:399:MET:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:399:MET:CE	3	0.19
(1,3)	1:A:10:GLY:O	2:B:399:MET:CG	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:399:MET:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:399:MET:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:399:MET:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:399:MET:SD	3	0.19
(1,3)	1:A:10:GLY:O	2:B:400:ASP:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:400:ASP:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:400:ASP:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:400:ASP:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:401:LEU:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:401:LEU:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:401:LEU:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:401:LEU:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:402:GLY:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:402:GLY:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:402:GLY:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:402:GLY:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:402:GLY:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:403:PHE:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:404:PRO:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CB	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CD	3	0.19
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:404:PRO:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:404:PRO:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CD	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CE	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ3	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:NZ	3	0.19
(1,3)	1:A:10:GLY:O	2:B:410:LYS:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:414:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:415:THR:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:415:THR:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:415:THR:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:415:THR:CG2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:415:THR:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:415:THR:HG1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:415:THR:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:415:THR:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:415:THR:OG1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:417:GLY:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:417:GLY:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:417:GLY:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:417:GLY:N	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:417:GLY:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD21	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD22	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:ND2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:418:ASN:OD1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:419:ALA:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:419:ALA:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:419:ALA:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:419:ALA:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:420:GLU:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CD	3	0.19
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:420:GLU:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:420:GLU:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:420:GLU:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:421:PHE:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:423:ALA:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CA	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:423:ALA:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:423:ALA:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:423:ALA:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:424:SER:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:424:SER:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:424:SER:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:424:SER:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:424:SER:HG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:424:SER:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:424:SER:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:424:SER:OG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:425:LEU:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:425:LEU:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:425:LEU:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:425:LEU:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CZ	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:427:PHE:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CD	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE21	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE22	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:N	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:428:GLN:NE2	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:428:GLN:OE1	3	0.19
(1,3)	1:A:10:GLY:O	2:B:429:SER:C	3	0.19
(1,3)	1:A:10:GLY:O	2:B:429:SER:CA	3	0.19
(1,3)	1:A:10:GLY:O	2:B:429:SER:CB	3	0.19
(1,3)	1:A:10:GLY:O	2:B:429:SER:H	3	0.19
(1,3)	1:A:10:GLY:O	2:B:429:SER:HG	3	0.19
(1,3)	1:A:10:GLY:O	2:B:429:SER:N	3	0.19
(1,3)	1:A:10:GLY:O	2:B:429:SER:O	3	0.19
(1,3)	1:A:10:GLY:O	2:B:429:SER:OG	3	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CD2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CE2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:CZ	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:4:PHE:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:C	1:A:6:LYS:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:7:THR:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:7:THR:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:7:THR:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:7:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:7:THR:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:7:THR:HG1	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:7:THR:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:7:THR:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:7:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:8:LEU:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:8:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:8:LEU:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:8:LEU:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:8:LEU:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:9:THR:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:9:THR:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:9:THR:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:9:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:9:THR:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:9:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:9:THR:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:9:THR:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:9:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:10:GLY:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:10:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:10:GLY:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:10:GLY:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:10:GLY:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:C	1:A:11:LYS:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:12:THR:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:12:THR:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:12:THR:CB	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:12:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:12:THR:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:12:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:12:THR:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:12:THR:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:12:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:34:GLU:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:34:GLU:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:34:GLU:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:34:GLU:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:34:GLU:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:34:GLU:OE2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:36:ILE:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:36:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:36:ILE:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:36:ILE:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:36:ILE:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:37:PRO:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:37:PRO:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:37:PRO:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:37:PRO:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:38:PRO:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:38:PRO:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:38:PRO:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:38:PRO:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:39:ASP:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CB	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:39:ASP:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:39:ASP:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:39:ASP:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:39:ASP:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:39:ASP:OD2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:40:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:41:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:HH22	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:42:ARG:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:42:ARG:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:44:ILE:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:44:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:44:ILE:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:44:ILE:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:44:ILE:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CD2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CE2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:CZ	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:45:PHE:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:46:ALA:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:46:ALA:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:46:ALA:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:46:ALA:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:46:ALA:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:47:GLY:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:47:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:47:GLY:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:47:GLY:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:47:GLY:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CE	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:48:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:C	1:A:48:LYS:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:49:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:50:LEU:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:50:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:50:LEU:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:50:LEU:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:50:LEU:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:51:GLU:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:51:GLU:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:51:GLU:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:51:GLU:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:51:GLU:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:51:GLU:OE2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:58:ASP:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CB	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:58:ASP:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:58:ASP:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:58:ASP:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:58:ASP:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:58:ASP:OD2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CD2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CE2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:CZ	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:HH	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:59:TYR:OH	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD21	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:HD22	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:ND2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:60:ASN:OD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:61:ILE:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:61:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:61:ILE:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:61:ILE:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:61:ILE:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:66:THR:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:66:THR:CA	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:66:THR:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:66:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:66:THR:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:66:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:66:THR:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:66:THR:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:66:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CD2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CE1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:HE2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:ND1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:NE2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:68:HIS:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:70:VAL:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:70:VAL:CG2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:70:VAL:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:70:VAL:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:70:VAL:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:71:LEU:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:71:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:71:LEU:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:71:LEU:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:71:LEU:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:CZ	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:72:ARG:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:72:ARG:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:73:LEU:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:73:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:73:LEU:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:73:LEU:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:73:LEU:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:C	1:A:74:ARG:O	10	0.19
(1,15)	2:B:402:GLY:C	1:A:75:GLY:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:75:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:75:GLY:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:75:GLY:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:75:GLY:O	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:C	1:A:76:GLY:C	10	0.19
(1,15)	2:B:402:GLY:C	1:A:76:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:C	1:A:76:GLY:H	10	0.19
(1,15)	2:B:402:GLY:C	1:A:76:GLY:N	10	0.19
(1,15)	2:B:402:GLY:C	1:A:76:GLY:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CD2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CE2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:CZ	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:4:PHE:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:6:LYS:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:7:THR:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:7:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:7:THR:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:7:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:7:THR:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:7:THR:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:7:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CB	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:8:LEU:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:9:THR:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:9:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:9:THR:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:9:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:9:THR:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:9:THR:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:9:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:10:GLY:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:11:LYS:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:12:THR:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:12:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:12:THR:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:12:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:12:THR:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:12:THR:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:12:THR:OG1	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:34:GLU:OE2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:36:ILE:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:37:PRO:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:38:PRO:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:39:ASP:OD2	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:40:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:41:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:42:ARG:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:C	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:44:ILE:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CD2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CE2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:CZ	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:45:PHE:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:46:ALA:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:47:GLY:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:N	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:48:LYS:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:49:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:50:LEU:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:51:GLU:OE2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:58:ASP:OD2	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CD2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CE2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:CZ	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:HH	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:59:TYR:OH	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD21	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:HD22	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:ND2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:60:ASN:OD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:61:ILE:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:66:THR:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:66:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:66:THR:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:66:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:66:THR:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:66:THR:O	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:66:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CD2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CE1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:HE2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:ND1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:NE2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:68:HIS:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:CG2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:70:VAL:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:71:LEU:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:HH22	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:72:ARG:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:73:LEU:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:74:ARG:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:75:GLY:O	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:C	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:H	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:N	10	0.19
(1,15)	2:B:402:GLY:CA	1:A:76:GLY:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:C	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CD2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CE2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:CZ	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:4:PHE:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:H	1:A:6:LYS:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:7:THR:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:7:THR:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:7:THR:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:7:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:7:THR:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:7:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:7:THR:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:7:THR:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:7:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:8:LEU:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:8:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:8:LEU:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:8:LEU:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:8:LEU:O	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:9:THR:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:9:THR:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:9:THR:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:9:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:9:THR:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:9:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:9:THR:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:9:THR:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:9:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:10:GLY:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:10:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:10:GLY:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:10:GLY:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:10:GLY:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:H	1:A:11:LYS:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:12:THR:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:12:THR:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:12:THR:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:12:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:12:THR:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:12:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:12:THR:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:12:THR:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:12:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:34:GLU:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:34:GLU:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:34:GLU:H	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:34:GLU:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:34:GLU:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:34:GLU:OE2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:36:ILE:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:36:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:36:ILE:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:36:ILE:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:36:ILE:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:37:PRO:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:37:PRO:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:37:PRO:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:37:PRO:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:38:PRO:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:38:PRO:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:38:PRO:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:38:PRO:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:39:ASP:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:39:ASP:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:39:ASP:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:39:ASP:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:39:ASP:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:39:ASP:OD2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:H	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:40:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:41:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:42:ARG:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:44:ILE:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:44:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:44:ILE:H	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:44:ILE:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:44:ILE:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CD2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CE2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:CZ	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:45:PHE:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:46:ALA:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:46:ALA:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:46:ALA:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:46:ALA:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:46:ALA:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:47:GLY:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:47:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:47:GLY:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:47:GLY:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:47:GLY:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:H	1:A:48:LYS:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CD	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:49:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:49:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:50:LEU:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:50:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:50:LEU:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:50:LEU:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:50:LEU:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:51:GLU:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:51:GLU:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:51:GLU:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:51:GLU:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:51:GLU:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:51:GLU:OE2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:58:ASP:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:58:ASP:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:58:ASP:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:58:ASP:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:58:ASP:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:58:ASP:OD2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CD2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE1	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CE2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:CZ	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:HH	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:59:TYR:OH	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD21	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:HD22	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:ND2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:60:ASN:OD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:61:ILE:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:61:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:61:ILE:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:61:ILE:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:61:ILE:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:66:THR:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:66:THR:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:66:THR:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:66:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:66:THR:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:66:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:66:THR:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:66:THR:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:66:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CD2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CE1	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:68:HIS:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:HE2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:ND1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:NE2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:68:HIS:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:70:VAL:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:70:VAL:CG2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:70:VAL:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:70:VAL:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:70:VAL:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:71:LEU:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:71:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:71:LEU:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:71:LEU:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:71:LEU:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:72:ARG:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:73:LEU:C	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:73:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:73:LEU:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:73:LEU:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:73:LEU:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:H	1:A:74:ARG:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:75:GLY:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:75:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:75:GLY:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:75:GLY:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:75:GLY:O	10	0.19
(1,15)	2:B:402:GLY:H	1:A:76:GLY:C	10	0.19
(1,15)	2:B:402:GLY:H	1:A:76:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:H	1:A:76:GLY:H	10	0.19
(1,15)	2:B:402:GLY:H	1:A:76:GLY:N	10	0.19
(1,15)	2:B:402:GLY:H	1:A:76:GLY:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CD2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CE2	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:CZ	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:4:PHE:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:N	1:A:6:LYS:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:7:THR:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:7:THR:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:7:THR:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:7:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:7:THR:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:7:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:7:THR:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:7:THR:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:7:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:8:LEU:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:8:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:8:LEU:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:8:LEU:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:8:LEU:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:9:THR:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:9:THR:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:9:THR:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:9:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:9:THR:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:9:THR:HG1	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:9:THR:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:9:THR:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:9:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:10:GLY:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:10:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:10:GLY:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:10:GLY:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:10:GLY:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:N	1:A:11:LYS:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:12:THR:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:12:THR:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:12:THR:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:12:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:12:THR:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:12:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:12:THR:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:12:THR:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:12:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:34:GLU:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:34:GLU:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:34:GLU:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:34:GLU:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:34:GLU:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:34:GLU:OE2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:36:ILE:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CA	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:36:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:36:ILE:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:36:ILE:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:36:ILE:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:37:PRO:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:37:PRO:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:37:PRO:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:37:PRO:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:38:PRO:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:38:PRO:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:38:PRO:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:38:PRO:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:39:ASP:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:39:ASP:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:39:ASP:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:39:ASP:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:39:ASP:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:39:ASP:OD2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:40:GLN:OE1	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:41:GLN:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:41:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:42:ARG:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:44:ILE:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:44:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:44:ILE:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:44:ILE:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:44:ILE:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD1	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CD2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CE2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:CZ	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:45:PHE:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:46:ALA:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:46:ALA:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:46:ALA:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:46:ALA:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:46:ALA:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:47:GLY:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:47:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:47:GLY:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:47:GLY:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:47:GLY:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:N	1:A:48:LYS:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:NE2	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:49:GLN:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:49:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:50:LEU:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:50:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:50:LEU:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:50:LEU:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:50:LEU:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:51:GLU:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:51:GLU:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:51:GLU:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:51:GLU:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:51:GLU:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:51:GLU:OE2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:58:ASP:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:58:ASP:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:58:ASP:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:58:ASP:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:58:ASP:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:58:ASP:OD2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CD2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CE2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:CZ	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:HH	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:N	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:59:TYR:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:59:TYR:OH	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD21	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:HD22	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:ND2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:60:ASN:OD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:61:ILE:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:61:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:61:ILE:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:61:ILE:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:61:ILE:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:66:THR:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:66:THR:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:66:THR:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:66:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:66:THR:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:66:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:66:THR:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:66:THR:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:66:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CD2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CE1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:HE2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:ND1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:68:HIS:NE2	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:68:HIS:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:70:VAL:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:70:VAL:CG2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:70:VAL:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:70:VAL:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:70:VAL:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:71:LEU:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:71:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:71:LEU:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:71:LEU:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:71:LEU:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:72:ARG:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:73:LEU:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:73:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:73:LEU:H	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:N	1:A:73:LEU:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:73:LEU:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:N	1:A:74:ARG:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:75:GLY:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:75:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:75:GLY:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:75:GLY:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:75:GLY:O	10	0.19
(1,15)	2:B:402:GLY:N	1:A:76:GLY:C	10	0.19
(1,15)	2:B:402:GLY:N	1:A:76:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:N	1:A:76:GLY:H	10	0.19
(1,15)	2:B:402:GLY:N	1:A:76:GLY:N	10	0.19
(1,15)	2:B:402:GLY:N	1:A:76:GLY:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CD2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CE2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:CZ	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:4:PHE:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:C	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:O	1:A:6:LYS:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:7:THR:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:7:THR:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:7:THR:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:7:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:7:THR:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:7:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:7:THR:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:7:THR:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:7:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:8:LEU:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:8:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:8:LEU:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:8:LEU:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:8:LEU:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:9:THR:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:9:THR:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:9:THR:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:9:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:9:THR:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:9:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:9:THR:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:9:THR:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:9:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:10:GLY:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:10:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:10:GLY:H	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:10:GLY:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:10:GLY:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:O	1:A:11:LYS:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:12:THR:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:12:THR:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:12:THR:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:12:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:12:THR:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:12:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:12:THR:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:12:THR:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:12:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:34:GLU:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:34:GLU:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:34:GLU:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:34:GLU:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:34:GLU:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:34:GLU:OE2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:36:ILE:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:36:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:36:ILE:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:36:ILE:N	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:36:ILE:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:37:PRO:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:37:PRO:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:37:PRO:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:37:PRO:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:38:PRO:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:38:PRO:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:38:PRO:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:38:PRO:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:39:ASP:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:39:ASP:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:39:ASP:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:39:ASP:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:39:ASP:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:39:ASP:OD2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:40:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:H	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:41:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:42:ARG:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:44:ILE:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:44:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:44:ILE:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:44:ILE:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:44:ILE:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CD2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CE2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:CZ	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:H	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:45:PHE:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:45:PHE:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:46:ALA:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:46:ALA:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:46:ALA:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:46:ALA:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:46:ALA:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:47:GLY:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:47:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:47:GLY:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:47:GLY:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:47:GLY:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CE	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:HZ3	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:NZ	10	0.19
(1,15)	2:B:402:GLY:O	1:A:48:LYS:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE21	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:HE22	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:NE2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:49:GLN:OE1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:50:LEU:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD1	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:50:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:50:LEU:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:50:LEU:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:50:LEU:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:51:GLU:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:51:GLU:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:51:GLU:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:51:GLU:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:51:GLU:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:51:GLU:OE2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:58:ASP:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:58:ASP:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:58:ASP:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:58:ASP:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:58:ASP:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:58:ASP:OD2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CD2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CE2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:CZ	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:HH	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:59:TYR:OH	10	0.19
(1,15)	2:B:402:GLY:O	1:A:60:ASN:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:60:ASN:CG	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:60:ASN:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD21	10	0.19
(1,15)	2:B:402:GLY:O	1:A:60:ASN:HD22	10	0.19
(1,15)	2:B:402:GLY:O	1:A:60:ASN:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:60:ASN:ND2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:60:ASN:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:60:ASN:OD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:61:ILE:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:61:ILE:CG2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:61:ILE:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:61:ILE:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:61:ILE:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:66:THR:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:66:THR:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:66:THR:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:66:THR:CG2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:66:THR:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:66:THR:HG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:66:THR:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:66:THR:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:66:THR:OG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CD2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CE1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:HE2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:ND1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:NE2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:68:HIS:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:70:VAL:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:70:VAL:CG2	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:70:VAL:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:70:VAL:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:70:VAL:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:71:LEU:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:71:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:71:LEU:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:71:LEU:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:71:LEU:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CD	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:72:ARG:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:73:LEU:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CD2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:73:LEU:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:73:LEU:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:73:LEU:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:73:LEU:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CB	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CD	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CG	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:CZ	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HE	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH11	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH12	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH21	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:HH22	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NE	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH1	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:NH2	10	0.19
(1,15)	2:B:402:GLY:O	1:A:74:ARG:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:75:GLY:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:75:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:75:GLY:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:75:GLY:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:75:GLY:O	10	0.19
(1,15)	2:B:402:GLY:O	1:A:76:GLY:C	10	0.19
(1,15)	2:B:402:GLY:O	1:A:76:GLY:CA	10	0.19
(1,15)	2:B:402:GLY:O	1:A:76:GLY:H	10	0.19
(1,15)	2:B:402:GLY:O	1:A:76:GLY:N	10	0.19
(1,15)	2:B:402:GLY:O	1:A:76:GLY:O	10	0.19
(1,8)	1:A:49:GLN:C	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ3	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:C	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:C	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:C	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:401:LEU:O	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:C	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CG	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CD	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:C	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:C	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:C	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:C	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:C	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:C	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:C	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:C	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:C	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CA	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:C	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ3	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CA	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CA	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:CA	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CB	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CA	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CA	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:H	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CA	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CB	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:CB	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CB	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:C	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:CA	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:O	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE21	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:CD	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE21	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD2	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CB	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD1	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:N	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:CG	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:396:LYS:NZ	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:H	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:H	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:402:GLY:CA	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:H	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE21	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:420:GLU:H	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CB	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:H	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:H	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:H	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:H	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:H	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:H	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:H	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:H	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CD	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CB	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:NZ	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:H	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD1	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:H	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CG	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CD	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD22	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:H	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:HG	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:N	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:N	2:B:399:MET:CG	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:N	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CB	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:N	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:417:GLY:N	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CA	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:N	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:N	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:N	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:N	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:N	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:N	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:N	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:N	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:N	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:N	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE2	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:H	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE1	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:C	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:O	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:C	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:O	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:O	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:402:GLY:N	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:O	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:N	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:419:ALA:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:420:GLU:O	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD2	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:O	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:O	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:O	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:O	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:O	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:O	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:O	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:O	2:B:429:SER:OG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CG	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CE	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:SD	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD2	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CD	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CD	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CE	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ3	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:NZ	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:C	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CG2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:HG1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:OG1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD21	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD22	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:ND2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:OD1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:O	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CD	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:HG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:OG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CG	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CZ	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CD	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE21	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE22	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:NE2	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:OE1	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:C	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CA	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CB	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:H	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:HG	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:N	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:O	8	0.18
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:OG	8	0.18
(1,4)	1:A:42:ARG:C	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:394:THR:N	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:C	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:C	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:C	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:C	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:400:ASP:N	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:C	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:C	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:CG	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:C	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:C	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:C	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:C	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:418:ASN:ND2	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:C	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:C	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:424:SER:N	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:C	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:C	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:C	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:C	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:C	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:C	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:C	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:C	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:C	2:B:429:SER:O	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:C	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:399:MET:N	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CA	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:404:PRO:CG	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CA	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:C	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:423:ALA:H	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CA	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:O	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CA	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:CA	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:O	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CB	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:CZ	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:415:THR:N	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CB	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:CG	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:CB	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:C	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:O	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CD	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:420:GLU:OE2	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:CE2	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:CD	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:HZ1	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:401:LEU:H	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CG	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:420:GLU:CA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CG	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:425:LEU:N	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CG	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:CG	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:394:THR:OG1	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:400:ASP:OD1	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CZ	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:HZ1	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:418:ASN:OD1	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CZ	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:424:SER:OG	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:CZ	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:CZ	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:394:THR:C	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:H	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:H	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:H	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:399:MET:SD	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:H	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:H	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:404:PRO:O	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:H	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:H	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:418:ASN:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:H	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:H	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:H	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:H	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:423:ALA:O	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:H	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:H	2:B:429:SER:C	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:H	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:H	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:H	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:H	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:H	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:H	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:H	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:399:MET:C	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HE	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:N	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HE	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:415:THR:OG1	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HE	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:H	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:CG	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:HE	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:CG	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:415:THR:C	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH11	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:CA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:CZ	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:HH11	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:HZ3	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:401:LEU:O	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH12	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:CG	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:420:GLU:CD	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH12	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:C	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:HH12	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:CA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:401:LEU:C	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH21	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:HZ3	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:419:ALA:CA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH21	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:425:LEU:CA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH21	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:HH21	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:394:THR:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH22	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:400:ASP:CA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH22	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:CA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:H	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:424:SER:CA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH22	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:429:SER:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:HH22	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:HH22	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:N	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:399:MET:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:N	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:N	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:N	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:404:PRO:C	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:N	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:N	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:N	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:417:GLY:CA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:N	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:N	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:421:PHE:O	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:N	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:HE21	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:N	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:N	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:N	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:N	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:N	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:N	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:N	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:N	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:N	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:HE21	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:CD2	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:415:THR:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NE	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:CD1	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:N	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NE	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:NE	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:NZ	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NH1	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:402:GLY:CA	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NH1	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:HE21	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:420:GLU:H	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NH1	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:NH1	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:394:THR:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:CD	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:400:ASP:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:401:LEU:CB	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NH2	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:NZ	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NH2	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:HD22	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:419:ALA:H	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NH2	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:424:SER:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:425:LEU:CD1	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:NH2	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:429:SER:HG	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:NH2	2:B:429:SER:OG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:394:THR:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:394:THR:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:394:THR:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:394:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:394:THR:H	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:O	2:B:394:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:394:THR:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:394:THR:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:394:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:CD	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:O	2:B:396:LYS:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:397:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:399:MET:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:399:MET:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:399:MET:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:399:MET:CE	1	0.18
(1,4)	1:A:42:ARG:O	2:B:399:MET:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:399:MET:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:399:MET:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:399:MET:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:399:MET:SD	1	0.18
(1,4)	1:A:42:ARG:O	2:B:400:ASP:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:400:ASP:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:400:ASP:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:400:ASP:CG	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:O	2:B:400:ASP:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:400:ASP:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:400:ASP:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:400:ASP:OD1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:400:ASP:OD2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:401:LEU:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:401:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:401:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:401:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:401:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:401:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:401:LEU:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:401:LEU:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:401:LEU:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:402:GLY:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:402:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:402:GLY:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:402:GLY:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:402:GLY:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:403:PHE:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:404:PRO:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:404:PRO:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:404:PRO:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:404:PRO:CD	1	0.18
(1,4)	1:A:42:ARG:O	2:B:404:PRO:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:404:PRO:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:404:PRO:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:CD	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:O	2:B:410:LYS:CE	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:HZ1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:HZ2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:HZ3	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:NZ	1	0.18
(1,4)	1:A:42:ARG:O	2:B:410:LYS:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:414:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:415:THR:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:415:THR:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:415:THR:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:415:THR:CG2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:415:THR:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:415:THR:HG1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:415:THR:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:415:THR:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:415:THR:OG1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:417:GLY:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:417:GLY:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:417:GLY:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:417:GLY:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:417:GLY:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:418:ASN:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:418:ASN:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:418:ASN:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:418:ASN:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:418:ASN:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:418:ASN:HD21	1	0.18
(1,4)	1:A:42:ARG:O	2:B:418:ASN:HD22	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:O	2:B:418:ASN:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:418:ASN:ND2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:418:ASN:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:418:ASN:OD1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:419:ALA:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:419:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:419:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:419:ALA:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:419:ALA:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:419:ALA:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:420:GLU:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:420:GLU:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:420:GLU:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:420:GLU:CD	1	0.18
(1,4)	1:A:42:ARG:O	2:B:420:GLU:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:420:GLU:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:420:GLU:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:420:GLU:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:420:GLU:OE1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:420:GLU:OE2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:421:PHE:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:423:ALA:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:423:ALA:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:423:ALA:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:423:ALA:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:423:ALA:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:423:ALA:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:424:SER:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:424:SER:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:424:SER:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:424:SER:H	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:O	2:B:424:SER:HG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:424:SER:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:424:SER:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:424:SER:OG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:425:LEU:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:425:LEU:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:425:LEU:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:425:LEU:CD1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:425:LEU:CD2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:425:LEU:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:425:LEU:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:425:LEU:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:425:LEU:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:CD1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:CD2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:CE1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:CE2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:CZ	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:427:PHE:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:CD	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:CG	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:HE21	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:HE22	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:NE2	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:428:GLN:OE1	1	0.18
(1,4)	1:A:42:ARG:O	2:B:429:SER:C	1	0.18
(1,4)	1:A:42:ARG:O	2:B:429:SER:CA	1	0.18
(1,4)	1:A:42:ARG:O	2:B:429:SER:CB	1	0.18
(1,4)	1:A:42:ARG:O	2:B:429:SER:H	1	0.18
(1,4)	1:A:42:ARG:O	2:B:429:SER:HG	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:A:42:ARG:O	2:B:429:SER:N	1	0.18
(1,4)	1:A:42:ARG:O	2:B:429:SER:O	1	0.18
(1,4)	1:A:42:ARG:O	2:B:429:SER:OG	1	0.18
(1,17)	2:B:423:ALA:C	1:A:4:PHE:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:4:PHE:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:C	1:A:6:LYS:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:7:THR:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:7:THR:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:7:THR:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:7:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:7:THR:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:7:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:7:THR:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:7:THR:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:7:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:8:LEU:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CD2	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:8:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:8:LEU:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:8:LEU:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:8:LEU:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:9:THR:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:9:THR:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:9:THR:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:9:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:9:THR:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:9:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:9:THR:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:9:THR:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:9:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:10:GLY:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:10:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:10:GLY:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:10:GLY:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:10:GLY:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:C	1:A:11:LYS:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:12:THR:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:12:THR:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:12:THR:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:12:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:12:THR:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:12:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:12:THR:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:12:THR:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:12:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:34:GLU:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CA	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:34:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:34:GLU:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:34:GLU:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:34:GLU:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:34:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:36:ILE:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:36:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:36:ILE:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:36:ILE:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:36:ILE:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:37:PRO:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:37:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:37:PRO:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:37:PRO:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:38:PRO:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:38:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:38:PRO:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:38:PRO:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:39:ASP:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:39:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:39:ASP:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:39:ASP:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:39:ASP:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:39:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CA	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:40:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:41:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:42:ARG:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:44:ILE:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CB	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:44:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:44:ILE:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:44:ILE:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:44:ILE:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:45:PHE:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:46:ALA:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:46:ALA:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:46:ALA:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:46:ALA:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:46:ALA:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:47:GLY:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:47:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:47:GLY:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:47:GLY:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:47:GLY:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:C	1:A:48:LYS:O	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:49:GLN:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:49:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:50:LEU:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:50:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:50:LEU:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:50:LEU:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:50:LEU:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:51:GLU:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:51:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:51:GLU:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:51:GLU:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:51:GLU:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:51:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:58:ASP:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:58:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:58:ASP:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:58:ASP:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:58:ASP:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:58:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CA	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CD2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CE2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:CZ	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:HH	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:59:TYR:OH	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD21	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:HD22	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:ND2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:60:ASN:OD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:61:ILE:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:61:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:61:ILE:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:61:ILE:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:61:ILE:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:66:THR:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:66:THR:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:66:THR:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:66:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:66:THR:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:66:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:66:THR:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:66:THR:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:66:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:C	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CD2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CE1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:HE2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:ND1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:NE2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:68:HIS:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:70:VAL:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:70:VAL:CG2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:70:VAL:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:70:VAL:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:70:VAL:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:71:LEU:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:71:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:71:LEU:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:71:LEU:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:71:LEU:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NE	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:72:ARG:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:73:LEU:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:73:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:73:LEU:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:73:LEU:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:73:LEU:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:C	1:A:74:ARG:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:75:GLY:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:75:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:75:GLY:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:75:GLY:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:75:GLY:O	9	0.17
(1,17)	2:B:423:ALA:C	1:A:76:GLY:C	9	0.17
(1,17)	2:B:423:ALA:C	1:A:76:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:C	1:A:76:GLY:H	9	0.17
(1,17)	2:B:423:ALA:C	1:A:76:GLY:N	9	0.17
(1,17)	2:B:423:ALA:C	1:A:76:GLY:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CB	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:4:PHE:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:6:LYS:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:7:THR:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:7:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:7:THR:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:7:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:7:THR:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:7:THR:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:7:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:8:LEU:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:9:THR:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CA	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:9:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:9:THR:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:9:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:9:THR:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:9:THR:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:9:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:10:GLY:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:11:LYS:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:12:THR:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:12:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:12:THR:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:12:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:12:THR:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:12:THR:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:12:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:O	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:34:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:36:ILE:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:37:PRO:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:38:PRO:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:39:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:HE22	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:40:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:41:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:42:ARG:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:44:ILE:O	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:45:PHE:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:46:ALA:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:47:GLY:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:48:LYS:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:H	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:49:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:50:LEU:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:51:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:58:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CD2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CE2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CG	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:CZ	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:HH	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:59:TYR:OH	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD21	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:HD22	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:ND2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:60:ASN:OD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:61:ILE:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:66:THR:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:66:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:66:THR:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:66:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:66:THR:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:66:THR:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:66:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CD2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CE1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:H	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:HE2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:ND1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:NE2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:68:HIS:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:CG2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:70:VAL:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:71:LEU:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:72:ARG:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CB	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:73:LEU:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:74:ARG:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:75:GLY:O	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:C	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:H	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:N	9	0.17
(1,17)	2:B:423:ALA:CA	1:A:76:GLY:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:CZ	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:4:PHE:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:6:LYS:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:7:THR:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:7:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:7:THR:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:7:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:7:THR:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:7:THR:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:7:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:8:LEU:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:9:THR:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:9:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:9:THR:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:9:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:9:THR:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:9:THR:O	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:9:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:10:GLY:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:11:LYS:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:12:THR:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:12:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:12:THR:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:12:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:12:THR:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:12:THR:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:12:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:34:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CD1	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:36:ILE:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:37:PRO:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:38:PRO:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:39:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:40:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CA	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:41:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:42:ARG:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:44:ILE:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE1	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:45:PHE:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:46:ALA:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:47:GLY:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:48:LYS:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:49:GLN:OE1	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:50:LEU:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:51:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:58:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CD2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CE2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:CZ	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:HH	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:59:TYR:OH	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD21	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:HD22	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:ND2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:60:ASN:OD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:61:ILE:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:66:THR:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:66:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:66:THR:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:66:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:66:THR:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:66:THR:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:66:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CD2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CE1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:HE2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:ND1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:NE2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:68:HIS:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:C	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:CG2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:70:VAL:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:71:LEU:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:72:ARG:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:73:LEU:O	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:74:ARG:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:75:GLY:O	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:C	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:H	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:N	9	0.17
(1,17)	2:B:423:ALA:CB	1:A:76:GLY:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:4:PHE:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CB	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:H	1:A:6:LYS:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:7:THR:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:7:THR:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:7:THR:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:7:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:7:THR:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:7:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:7:THR:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:7:THR:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:7:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:8:LEU:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:8:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:8:LEU:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:8:LEU:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:8:LEU:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:9:THR:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:9:THR:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:9:THR:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:9:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:9:THR:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:9:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:9:THR:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:9:THR:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:9:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:10:GLY:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:10:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:10:GLY:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:10:GLY:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:10:GLY:O	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:11:LYS:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:H	1:A:11:LYS:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:12:THR:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:12:THR:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:12:THR:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:12:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:12:THR:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:12:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:12:THR:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:12:THR:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:12:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:34:GLU:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:34:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:34:GLU:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:34:GLU:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:34:GLU:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:34:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:36:ILE:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:36:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:36:ILE:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:36:ILE:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:36:ILE:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:37:PRO:C	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:37:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:37:PRO:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:37:PRO:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:38:PRO:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:38:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:38:PRO:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:38:PRO:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:39:ASP:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:39:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:39:ASP:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:39:ASP:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:39:ASP:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:39:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:40:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:HE22	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:41:GLN:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:41:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:42:ARG:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:44:ILE:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:44:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:44:ILE:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:44:ILE:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:44:ILE:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:45:PHE:O	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:46:ALA:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:46:ALA:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:46:ALA:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:46:ALA:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:46:ALA:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:47:GLY:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:47:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:47:GLY:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:47:GLY:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:47:GLY:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:H	1:A:48:LYS:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:49:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:50:LEU:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:50:LEU:CG	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:50:LEU:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:50:LEU:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:50:LEU:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:51:GLU:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:51:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:51:GLU:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:51:GLU:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:51:GLU:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:51:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:58:ASP:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:58:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:58:ASP:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:58:ASP:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:58:ASP:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:58:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CD2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CE2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:CZ	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:HH	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:59:TYR:OH	9	0.17
(1,17)	2:B:423:ALA:H	1:A:60:ASN:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:60:ASN:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:60:ASN:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD21	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:60:ASN:HD22	9	0.17
(1,17)	2:B:423:ALA:H	1:A:60:ASN:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:60:ASN:ND2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:60:ASN:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:60:ASN:OD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:61:ILE:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:61:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:61:ILE:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:61:ILE:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:61:ILE:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:66:THR:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:66:THR:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:66:THR:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:66:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:66:THR:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:66:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:66:THR:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:66:THR:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:66:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CD2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CE1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:HE2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:ND1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:NE2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:68:HIS:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:70:VAL:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:70:VAL:CG2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:70:VAL:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:70:VAL:N	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:70:VAL:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:71:LEU:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:71:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:71:LEU:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:71:LEU:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:71:LEU:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:72:ARG:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:73:LEU:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:73:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:73:LEU:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:73:LEU:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:73:LEU:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:CZ	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:H	1:A:74:ARG:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:H	1:A:74:ARG:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:75:GLY:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:75:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:75:GLY:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:75:GLY:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:75:GLY:O	9	0.17
(1,17)	2:B:423:ALA:H	1:A:76:GLY:C	9	0.17
(1,17)	2:B:423:ALA:H	1:A:76:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:H	1:A:76:GLY:H	9	0.17
(1,17)	2:B:423:ALA:H	1:A:76:GLY:N	9	0.17
(1,17)	2:B:423:ALA:H	1:A:76:GLY:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:4:PHE:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ2	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:6:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:N	1:A:6:LYS:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:7:THR:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:7:THR:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:7:THR:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:7:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:7:THR:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:7:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:7:THR:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:7:THR:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:7:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:8:LEU:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:8:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:8:LEU:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:8:LEU:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:8:LEU:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:9:THR:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:9:THR:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:9:THR:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:9:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:9:THR:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:9:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:9:THR:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:9:THR:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:9:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:10:GLY:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:10:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:10:GLY:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:10:GLY:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:10:GLY:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:CG	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:11:LYS:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:N	1:A:11:LYS:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:12:THR:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:12:THR:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:12:THR:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:12:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:12:THR:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:12:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:12:THR:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:12:THR:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:12:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:34:GLU:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:34:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:34:GLU:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:34:GLU:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:34:GLU:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:34:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:36:ILE:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:36:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:36:ILE:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:36:ILE:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:36:ILE:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:37:PRO:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:37:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:37:PRO:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:37:PRO:O	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:38:PRO:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:38:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:38:PRO:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:38:PRO:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:39:ASP:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:39:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:39:ASP:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:39:ASP:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:39:ASP:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:39:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:40:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:41:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CA	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:42:ARG:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:44:ILE:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:44:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:44:ILE:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:44:ILE:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:44:ILE:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:45:PHE:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:46:ALA:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:46:ALA:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:46:ALA:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:46:ALA:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:46:ALA:O	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:47:GLY:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:47:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:47:GLY:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:47:GLY:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:47:GLY:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:N	1:A:48:LYS:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:49:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:50:LEU:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:50:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:50:LEU:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:50:LEU:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:50:LEU:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:51:GLU:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CB	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:51:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:51:GLU:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:51:GLU:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:51:GLU:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:51:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:58:ASP:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:58:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:58:ASP:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:58:ASP:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:58:ASP:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:58:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CD2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CE2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:CZ	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:HH	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:59:TYR:OH	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD21	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:HD22	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:ND2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:60:ASN:OD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:61:ILE:C	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:61:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:61:ILE:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:61:ILE:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:61:ILE:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:66:THR:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:66:THR:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:66:THR:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:66:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:66:THR:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:66:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:66:THR:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:66:THR:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:66:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CD2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CE1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:HE2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:ND1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:NE2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:68:HIS:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:70:VAL:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:70:VAL:CG2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:70:VAL:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:70:VAL:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:70:VAL:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:71:LEU:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CD2	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:71:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:71:LEU:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:71:LEU:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:71:LEU:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:72:ARG:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:73:LEU:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:73:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:73:LEU:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:73:LEU:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:73:LEU:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:HH22	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:N	1:A:74:ARG:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:N	1:A:74:ARG:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:75:GLY:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:75:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:75:GLY:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:75:GLY:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:75:GLY:O	9	0.17
(1,17)	2:B:423:ALA:N	1:A:76:GLY:C	9	0.17
(1,17)	2:B:423:ALA:N	1:A:76:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:N	1:A:76:GLY:H	9	0.17
(1,17)	2:B:423:ALA:N	1:A:76:GLY:N	9	0.17
(1,17)	2:B:423:ALA:N	1:A:76:GLY:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:4:PHE:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:O	1:A:6:LYS:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:7:THR:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:7:THR:CA	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:7:THR:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:7:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:7:THR:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:7:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:7:THR:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:7:THR:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:7:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:8:LEU:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:8:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:8:LEU:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:8:LEU:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:8:LEU:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:9:THR:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:9:THR:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:9:THR:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:9:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:9:THR:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:9:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:9:THR:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:9:THR:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:9:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:10:GLY:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:10:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:10:GLY:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:10:GLY:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:10:GLY:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:11:LYS:NZ	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:11:LYS:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:12:THR:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:12:THR:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:12:THR:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:12:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:12:THR:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:12:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:12:THR:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:12:THR:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:12:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:34:GLU:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:34:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:34:GLU:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:34:GLU:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:34:GLU:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:34:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:36:ILE:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:36:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:36:ILE:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:36:ILE:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:36:ILE:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:37:PRO:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:37:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:37:PRO:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:37:PRO:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:38:PRO:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:38:PRO:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:38:PRO:N	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:38:PRO:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:39:ASP:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:39:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:39:ASP:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:39:ASP:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:39:ASP:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:39:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:40:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:41:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HE	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:42:ARG:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:44:ILE:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:44:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:44:ILE:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:44:ILE:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:44:ILE:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CD2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CE2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:CZ	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:45:PHE:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:46:ALA:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:46:ALA:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:46:ALA:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:46:ALA:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:46:ALA:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:47:GLY:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:47:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:47:GLY:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:47:GLY:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:47:GLY:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:C	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CE	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:HZ3	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:NZ	9	0.17
(1,17)	2:B:423:ALA:O	1:A:48:LYS:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE21	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:HE22	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:NE2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:49:GLN:OE1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:50:LEU:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:50:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:50:LEU:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:50:LEU:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:50:LEU:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:51:GLU:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:51:GLU:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:51:GLU:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:51:GLU:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:51:GLU:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE1	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:51:GLU:OE2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:58:ASP:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:58:ASP:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:58:ASP:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:58:ASP:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:58:ASP:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:58:ASP:OD2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CD2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CE2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:CZ	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:HH	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:59:TYR:OH	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD21	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:HD22	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:ND2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:60:ASN:OD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:61:ILE:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:61:ILE:CG2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:61:ILE:H	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:61:ILE:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:61:ILE:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:66:THR:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:66:THR:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:66:THR:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:66:THR:CG2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:66:THR:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:66:THR:HG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:66:THR:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:66:THR:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:66:THR:OG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CD2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CE1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:HE2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:ND1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:NE2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:68:HIS:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:70:VAL:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:70:VAL:CG2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:70:VAL:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:70:VAL:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:70:VAL:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:71:LEU:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:71:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:71:LEU:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:71:LEU:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:71:LEU:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CA	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:72:ARG:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:73:LEU:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CD2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:73:LEU:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:73:LEU:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:73:LEU:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:73:LEU:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CB	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CD	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CG	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:CZ	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HE	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH11	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH12	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH21	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:HH22	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NE	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH1	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:NH2	9	0.17
(1,17)	2:B:423:ALA:O	1:A:74:ARG:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:75:GLY:C	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,17)	2:B:423:ALA:O	1:A:75:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:75:GLY:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:75:GLY:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:75:GLY:O	9	0.17
(1,17)	2:B:423:ALA:O	1:A:76:GLY:C	9	0.17
(1,17)	2:B:423:ALA:O	1:A:76:GLY:CA	9	0.17
(1,17)	2:B:423:ALA:O	1:A:76:GLY:H	9	0.17
(1,17)	2:B:423:ALA:O	1:A:76:GLY:N	9	0.17
(1,17)	2:B:423:ALA:O	1:A:76:GLY:O	9	0.17
(1,11)	1:A:71:LEU:C	2:B:394:THR:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:394:THR:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:394:THR:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:394:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:394:THR:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:394:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:394:THR:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:394:THR:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:394:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:C	2:B:396:LYS:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:397:GLN:O	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:397:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:399:MET:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:399:MET:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:399:MET:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:399:MET:CE	8	0.17
(1,11)	1:A:71:LEU:C	2:B:399:MET:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:399:MET:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:399:MET:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:399:MET:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:399:MET:SD	8	0.17
(1,11)	1:A:71:LEU:C	2:B:400:ASP:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:400:ASP:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:400:ASP:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:400:ASP:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:401:LEU:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:401:LEU:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:401:LEU:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:401:LEU:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:402:GLY:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:402:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:402:GLY:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:402:GLY:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:402:GLY:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CZ	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:403:PHE:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:403:PHE:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:404:PRO:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CD	8	0.17
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:404:PRO:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:404:PRO:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:C	2:B:410:LYS:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:414:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:415:THR:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:415:THR:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:415:THR:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:415:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:415:THR:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:415:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:415:THR:N	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:415:THR:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:415:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:417:GLY:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:417:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:417:GLY:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:417:GLY:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:417:GLY:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD21	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD22	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:ND2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:418:ASN:OD1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:419:ALA:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:419:ALA:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:419:ALA:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:419:ALA:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:420:GLU:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CD	8	0.17
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:420:GLU:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:420:GLU:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:420:GLU:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CG	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:421:PHE:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:423:ALA:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:423:ALA:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:423:ALA:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:423:ALA:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:424:SER:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:424:SER:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:424:SER:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:424:SER:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:424:SER:HG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:424:SER:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:424:SER:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:424:SER:OG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:425:LEU:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:425:LEU:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:425:LEU:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:425:LEU:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:427:PHE:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CB	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:428:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:C	2:B:429:SER:C	8	0.17
(1,11)	1:A:71:LEU:C	2:B:429:SER:CA	8	0.17
(1,11)	1:A:71:LEU:C	2:B:429:SER:CB	8	0.17
(1,11)	1:A:71:LEU:C	2:B:429:SER:H	8	0.17
(1,11)	1:A:71:LEU:C	2:B:429:SER:HG	8	0.17
(1,11)	1:A:71:LEU:C	2:B:429:SER:N	8	0.17
(1,11)	1:A:71:LEU:C	2:B:429:SER:O	8	0.17
(1,11)	1:A:71:LEU:C	2:B:429:SER:OG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:394:THR:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:394:THR:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:394:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:394:THR:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:394:THR:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:394:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CB	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:399:MET:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CE	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:399:MET:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:399:MET:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:399:MET:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:399:MET:SD	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:C	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CD	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:O	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:415:THR:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:415:THR:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:415:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:415:THR:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:415:THR:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:415:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD21	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD22	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:ND2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:OD1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CD	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE2	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:424:SER:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:424:SER:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:424:SER:HG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:424:SER:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:424:SER:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:424:SER:OG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE2	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:429:SER:C	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CA	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CB	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:429:SER:H	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:429:SER:HG	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:429:SER:N	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:429:SER:O	8	0.17
(1,11)	1:A:71:LEU:CA	2:B:429:SER:OG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:394:THR:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:394:THR:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:394:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:394:THR:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:394:THR:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:394:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ1	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:399:MET:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CE	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:399:MET:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:399:MET:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:399:MET:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:399:MET:SD	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:H	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CD	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CB	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:415:THR:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:415:THR:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:415:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:415:THR:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:415:THR:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:415:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD21	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD22	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:ND2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:OD1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CA	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CD	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:424:SER:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:424:SER:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:424:SER:HG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:424:SER:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:424:SER:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:424:SER:OG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:N	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:429:SER:C	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CA	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CB	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:429:SER:H	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:429:SER:HG	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:429:SER:N	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:429:SER:O	8	0.17
(1,11)	1:A:71:LEU:CB	2:B:429:SER:OG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:OG1	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CE	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:SD	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD1	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CD	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ1	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD21	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD22	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:ND2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:OD1	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CD	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:HG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:OG	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:C	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CA	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CB	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:H	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:HG	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:N	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:O	8	0.17
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:OG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:C	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CE	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:SD	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CD	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:O	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CB	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD21	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD22	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:ND2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:OD1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CD	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:O	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:HG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:OG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:C	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CA	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CB	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:H	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:HG	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:N	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:O	8	0.17
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:OG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:394:THR:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:394:THR:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:394:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:394:THR:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:394:THR:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:394:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:399:MET:C	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CE	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:399:MET:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:399:MET:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:399:MET:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:399:MET:SD	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:N	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CD	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:415:THR:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:415:THR:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:415:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:415:THR:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:415:THR:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:415:THR:OG1	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD21	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD22	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:ND2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:OD1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CD	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:H	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:424:SER:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:424:SER:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:424:SER:HG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:424:SER:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:424:SER:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:424:SER:OG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CG	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:429:SER:C	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CA	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CB	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:429:SER:H	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:429:SER:HG	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:429:SER:N	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:429:SER:O	8	0.17
(1,11)	1:A:71:LEU:CG	2:B:429:SER:OG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:394:THR:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:394:THR:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:394:THR:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:394:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:394:THR:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:394:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:394:THR:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:394:THR:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:394:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:H	2:B:396:LYS:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CG	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:397:GLN:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:397:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:399:MET:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:399:MET:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:399:MET:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:399:MET:CE	8	0.17
(1,11)	1:A:71:LEU:H	2:B:399:MET:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:399:MET:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:399:MET:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:399:MET:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:399:MET:SD	8	0.17
(1,11)	1:A:71:LEU:H	2:B:400:ASP:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:400:ASP:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:400:ASP:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:400:ASP:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:401:LEU:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:401:LEU:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:401:LEU:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:401:LEU:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:402:GLY:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:402:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:402:GLY:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:402:GLY:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:402:GLY:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CB	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:403:PHE:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:404:PRO:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CD	8	0.17
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:404:PRO:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:404:PRO:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:H	2:B:410:LYS:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:414:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:415:THR:C	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:415:THR:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:415:THR:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:415:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:415:THR:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:415:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:415:THR:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:415:THR:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:415:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:417:GLY:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:417:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:417:GLY:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:417:GLY:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:417:GLY:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD21	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD22	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:ND2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:418:ASN:OD1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:419:ALA:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:419:ALA:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:419:ALA:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:419:ALA:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:420:GLU:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CD	8	0.17
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:420:GLU:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:420:GLU:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:420:GLU:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CA	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:421:PHE:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:423:ALA:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:423:ALA:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:423:ALA:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:423:ALA:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:424:SER:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:424:SER:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:424:SER:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:424:SER:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:424:SER:HG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:424:SER:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:424:SER:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:424:SER:OG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:425:LEU:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:425:LEU:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:425:LEU:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:425:LEU:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CZ	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:427:PHE:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:427:PHE:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:428:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:H	2:B:429:SER:C	8	0.17
(1,11)	1:A:71:LEU:H	2:B:429:SER:CA	8	0.17
(1,11)	1:A:71:LEU:H	2:B:429:SER:CB	8	0.17
(1,11)	1:A:71:LEU:H	2:B:429:SER:H	8	0.17
(1,11)	1:A:71:LEU:H	2:B:429:SER:HG	8	0.17
(1,11)	1:A:71:LEU:H	2:B:429:SER:N	8	0.17
(1,11)	1:A:71:LEU:H	2:B:429:SER:O	8	0.17
(1,11)	1:A:71:LEU:H	2:B:429:SER:OG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:394:THR:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:394:THR:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:394:THR:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:394:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:394:THR:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:394:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:394:THR:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:394:THR:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:394:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ3	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:396:LYS:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:N	2:B:396:LYS:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:397:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:399:MET:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:399:MET:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:399:MET:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:399:MET:CE	8	0.17
(1,11)	1:A:71:LEU:N	2:B:399:MET:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:399:MET:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:399:MET:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:399:MET:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:399:MET:SD	8	0.17
(1,11)	1:A:71:LEU:N	2:B:400:ASP:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:400:ASP:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:400:ASP:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:400:ASP:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:401:LEU:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:401:LEU:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:401:LEU:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:401:LEU:O	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:402:GLY:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:402:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:402:GLY:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:402:GLY:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:402:GLY:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:403:PHE:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:404:PRO:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CD	8	0.17
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:404:PRO:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:404:PRO:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:N	2:B:410:LYS:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CG	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:414:GLN:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:414:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:415:THR:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:415:THR:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:415:THR:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:415:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:415:THR:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:415:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:415:THR:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:415:THR:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:415:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:417:GLY:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:417:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:417:GLY:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:417:GLY:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:417:GLY:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD21	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD22	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:ND2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:418:ASN:OD1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:419:ALA:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:419:ALA:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:419:ALA:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:419:ALA:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:420:GLU:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CD	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:420:GLU:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:420:GLU:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:420:GLU:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:421:PHE:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:423:ALA:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:423:ALA:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:423:ALA:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:423:ALA:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:424:SER:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:424:SER:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:424:SER:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:424:SER:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:424:SER:HG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:424:SER:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:424:SER:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:424:SER:OG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:425:LEU:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:425:LEU:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:425:LEU:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:425:LEU:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:C	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:427:PHE:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:428:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:N	2:B:429:SER:C	8	0.17
(1,11)	1:A:71:LEU:N	2:B:429:SER:CA	8	0.17
(1,11)	1:A:71:LEU:N	2:B:429:SER:CB	8	0.17
(1,11)	1:A:71:LEU:N	2:B:429:SER:H	8	0.17
(1,11)	1:A:71:LEU:N	2:B:429:SER:HG	8	0.17
(1,11)	1:A:71:LEU:N	2:B:429:SER:N	8	0.17
(1,11)	1:A:71:LEU:N	2:B:429:SER:O	8	0.17
(1,11)	1:A:71:LEU:N	2:B:429:SER:OG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:394:THR:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:394:THR:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:394:THR:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:394:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:394:THR:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:394:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:394:THR:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:394:THR:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:394:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CA	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ3	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:O	2:B:396:LYS:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:397:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:399:MET:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:399:MET:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:399:MET:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:399:MET:CE	8	0.17
(1,11)	1:A:71:LEU:O	2:B:399:MET:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:399:MET:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:399:MET:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:399:MET:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:399:MET:SD	8	0.17
(1,11)	1:A:71:LEU:O	2:B:400:ASP:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:400:ASP:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:400:ASP:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:400:ASP:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:401:LEU:C	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:401:LEU:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:401:LEU:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:401:LEU:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:402:GLY:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:402:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:402:GLY:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:402:GLY:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:402:GLY:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:403:PHE:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:404:PRO:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CD	8	0.17
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:404:PRO:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:404:PRO:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CD	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CE	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ3	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:410:LYS:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:NZ	8	0.17
(1,11)	1:A:71:LEU:O	2:B:410:LYS:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:414:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:415:THR:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:415:THR:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:415:THR:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:415:THR:CG2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:415:THR:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:415:THR:HG1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:415:THR:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:415:THR:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:415:THR:OG1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:417:GLY:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:417:GLY:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:417:GLY:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:417:GLY:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:417:GLY:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD21	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD22	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:ND2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:418:ASN:OD1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:419:ALA:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CA	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:419:ALA:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:419:ALA:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:419:ALA:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:420:GLU:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CD	8	0.17
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:420:GLU:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:420:GLU:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:420:GLU:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:421:PHE:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:423:ALA:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:423:ALA:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:423:ALA:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:423:ALA:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:424:SER:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:424:SER:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:424:SER:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:424:SER:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:424:SER:HG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:424:SER:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:424:SER:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:424:SER:OG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:425:LEU:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CA	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:425:LEU:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:425:LEU:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:425:LEU:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CZ	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:427:PHE:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CD	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE21	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE22	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:NE2	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:428:GLN:OE1	8	0.17
(1,11)	1:A:71:LEU:O	2:B:429:SER:C	8	0.17
(1,11)	1:A:71:LEU:O	2:B:429:SER:CA	8	0.17
(1,11)	1:A:71:LEU:O	2:B:429:SER:CB	8	0.17
(1,11)	1:A:71:LEU:O	2:B:429:SER:H	8	0.17
(1,11)	1:A:71:LEU:O	2:B:429:SER:HG	8	0.17
(1,11)	1:A:71:LEU:O	2:B:429:SER:N	8	0.17
(1,11)	1:A:71:LEU:O	2:B:429:SER:O	8	0.17
(1,11)	1:A:71:LEU:O	2:B:429:SER:OG	8	0.17
(1,6)	1:A:47:GLY:C	2:B:394:THR:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:CB	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:394:THR:CG2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:HG1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:394:THR:OG1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CD	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CE	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ3	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:NZ	1	0.16
(1,6)	1:A:47:GLY:C	2:B:396:LYS:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:397:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:CE	1	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:399:MET:SD	1	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CA	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:401:LEU:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:402:GLY:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:402:GLY:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:402:GLY:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:402:GLY:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:402:GLY:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:403:PHE:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CD	1	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:404:PRO:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CA	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CD	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CE	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ3	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:NZ	1	0.16
(1,6)	1:A:47:GLY:C	2:B:410:LYS:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:414:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:CG2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:HG1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:415:THR:OG1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:417:GLY:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:417:GLY:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:417:GLY:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:417:GLY:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:417:GLY:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:H	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD21	1	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD22	1	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:ND2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:418:ASN:OD1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:419:ALA:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CD	1	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:421:PHE:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:423:ALA:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:CA	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:424:SER:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:HG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:424:SER:OG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:425:LEU:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:427:PHE:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:428:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:C	1	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:CA	1	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:CB	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:429:SER:H	1	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:HG	1	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:N	1	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:O	1	0.16
(1,6)	1:A:47:GLY:C	2:B:429:SER:OG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CG2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:HG1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:394:THR:OG1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CD	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CE	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ3	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:NZ	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CB	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CE	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:399:MET:SD	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:C	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CD	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CD	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CE	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ3	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:NZ	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CG2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:HG1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:415:THR:OG1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:CA	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD21	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD22	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:ND2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:OD1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CD	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:O	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:HG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:424:SER:OG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE21	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:C	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CA	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CB	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:H	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:HG	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:N	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:O	1	0.16
(1,6)	1:A:47:GLY:CA	2:B:429:SER:OG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:CG2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:HG1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:394:THR:OG1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CD	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CE	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ3	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:NZ	1	0.16
(1,6)	1:A:47:GLY:H	2:B:396:LYS:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE21	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:397:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:CE	1	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:399:MET:SD	1	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:401:LEU:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:402:GLY:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:402:GLY:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:402:GLY:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:402:GLY:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:402:GLY:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD2	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:403:PHE:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CD	1	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:404:PRO:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CD	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CE	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ3	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:NZ	1	0.16
(1,6)	1:A:47:GLY:H	2:B:410:LYS:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:414:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:CB	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:415:THR:CG2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:HG1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:415:THR:OG1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:417:GLY:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:417:GLY:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:417:GLY:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:417:GLY:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:417:GLY:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD21	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD22	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:ND2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:418:ASN:OD1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:419:ALA:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CD	1	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD1	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:421:PHE:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:423:ALA:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:HG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:424:SER:OG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:425:LEU:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:427:PHE:N	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:427:PHE:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:428:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:C	1	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:CA	1	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:CB	1	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:H	1	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:HG	1	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:N	1	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:O	1	0.16
(1,6)	1:A:47:GLY:H	2:B:429:SER:OG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:CG2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:HG1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:394:THR:OG1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CD	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CE	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ3	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:396:LYS:NZ	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:396:LYS:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:397:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:CE	1	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:399:MET:SD	1	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:401:LEU:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:402:GLY:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:402:GLY:CA	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:402:GLY:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:402:GLY:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:402:GLY:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:403:PHE:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CD	1	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:404:PRO:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CD	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CE	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ3	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:NZ	1	0.16
(1,6)	1:A:47:GLY:N	2:B:410:LYS:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE21	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:414:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:CG2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:HG1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:415:THR:OG1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:417:GLY:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:417:GLY:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:417:GLY:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:417:GLY:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:417:GLY:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD21	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD22	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:ND2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:418:ASN:OD1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:419:ALA:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CD	1	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:H	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:420:GLU:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:421:PHE:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:423:ALA:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:HG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:424:SER:OG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:425:LEU:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CB	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:427:PHE:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:428:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:C	1	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:CA	1	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:CB	1	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:H	1	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:HG	1	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:N	1	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:O	1	0.16
(1,6)	1:A:47:GLY:N	2:B:429:SER:OG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:CG2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:HG1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:394:THR:OG1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CD	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CE	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ3	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:NZ	1	0.16
(1,6)	1:A:47:GLY:O	2:B:396:LYS:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:397:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:CE	1	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:399:MET:SD	1	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CB	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:401:LEU:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:402:GLY:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:402:GLY:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:402:GLY:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:402:GLY:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:402:GLY:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:403:PHE:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CD	1	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:404:PRO:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CD	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CE	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ3	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:410:LYS:NZ	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:410:LYS:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:414:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:CG2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:HG1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:415:THR:OG1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:417:GLY:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:417:GLY:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:417:GLY:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:417:GLY:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:417:GLY:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD21	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD22	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:ND2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:418:ASN:OD1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:H	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:419:ALA:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:419:ALA:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CD	1	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:421:PHE:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:423:ALA:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:HG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:424:SER:OG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD1	1	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:425:LEU:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CZ	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:427:PHE:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CD	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE21	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE22	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:NE2	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:428:GLN:OE1	1	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:C	1	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:CA	1	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:CB	1	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:H	1	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:HG	1	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:N	1	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:O	1	0.16
(1,6)	1:A:47:GLY:O	2:B:429:SER:OG	1	0.16
(1,8)	1:A:49:GLN:C	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:394:THR:H	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:C	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:C	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:C	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:400:ASP:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:C	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:C	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:C	2:B:418:ASN:HD22	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:C	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:424:SER:H	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:C	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:C	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:C	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:C	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:C	2:B:429:SER:HG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:C	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:C	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:C	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:399:MET:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:CA	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:415:THR:H	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:CB	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CD2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:CD	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CD2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:419:ALA:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:CG	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:394:THR:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:H	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:H	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:H	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:400:ASP:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:H	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:H	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:H	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:H	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:418:ASN:ND2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:H	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:424:SER:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:H	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:H	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:H	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:H	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:H	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:H	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:H	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:H	2:B:429:SER:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:H	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:H	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE21	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:HE21	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:CZ	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:HE22	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:N	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:N	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:N	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:N	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:N	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:414:GLN:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:N	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:420:GLU:OE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:N	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:N	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:N	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:N	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:N	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:N	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:N	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:N	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:H	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:NE2	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:NE2	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:394:THR:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:394:THR:OG1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:O	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:O	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:399:MET:SD	6	0.15
(1,8)	1:A:49:GLN:O	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:O	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:404:PRO:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:O	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:418:ASN:OD1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:O	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:423:ALA:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:424:SER:OG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:O	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:O	2:B:429:SER:C	6	0.15
(1,8)	1:A:49:GLN:O	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:O	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:O	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:O	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:O	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:O	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:O	2:B:429:SER:OG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:394:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:396:LYS:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:397:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CE	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:399:MET:SD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:400:ASP:OD2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:401:LEU:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:402:GLY:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:403:PHE:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CD	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:404:PRO:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CD	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CE	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:HZ3	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:NZ	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:410:LYS:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:414:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:CG2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:HG1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:415:THR:OG1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:417:GLY:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD21	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:HD22	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:ND2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:418:ASN:OD1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:419:ALA:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CD	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:420:GLU:OE2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:421:PHE:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:423:ALA:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:HG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:424:SER:OG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CD2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:425:LEU:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CD2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CE2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:CZ	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:427:PHE:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:C	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CD	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:CG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE21	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:HE22	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:NE2	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:428:GLN:OE1	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CA	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:CB	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:H	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:HG	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:N	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:O	6	0.15
(1,8)	1:A:49:GLN:OE1	2:B:429:SER:OG	6	0.15
(1,6)	1:A:47:GLY:C	2:B:394:THR:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:394:THR:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:394:THR:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:394:THR:CG2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:394:THR:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:394:THR:HG1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:394:THR:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:394:THR:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:394:THR:OG1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CD	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CE	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ3	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:NZ	8	0.15
(1,6)	1:A:47:GLY:C	2:B:396:LYS:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:397:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:399:MET:C	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:399:MET:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:399:MET:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:399:MET:CE	8	0.15
(1,6)	1:A:47:GLY:C	2:B:399:MET:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:399:MET:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:399:MET:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:399:MET:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:399:MET:SD	8	0.15
(1,6)	1:A:47:GLY:C	2:B:400:ASP:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:400:ASP:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:400:ASP:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:400:ASP:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:401:LEU:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:401:LEU:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:401:LEU:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:401:LEU:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:402:GLY:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:402:GLY:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:402:GLY:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:402:GLY:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:402:GLY:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:403:PHE:N	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:403:PHE:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:404:PRO:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CD	8	0.15
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:404:PRO:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:404:PRO:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CD	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CE	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ3	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:NZ	8	0.15
(1,6)	1:A:47:GLY:C	2:B:410:LYS:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:414:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:415:THR:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:415:THR:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:415:THR:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:415:THR:CG2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:415:THR:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:415:THR:HG1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:415:THR:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:415:THR:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:415:THR:OG1	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:417:GLY:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:417:GLY:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:417:GLY:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:417:GLY:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:417:GLY:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD21	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD22	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:ND2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:418:ASN:OD1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:419:ALA:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:419:ALA:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:419:ALA:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:419:ALA:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:420:GLU:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CD	8	0.15
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:420:GLU:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:420:GLU:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:420:GLU:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:H	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:421:PHE:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:421:PHE:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:423:ALA:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:423:ALA:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:423:ALA:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:423:ALA:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:424:SER:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:424:SER:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:424:SER:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:424:SER:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:424:SER:HG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:424:SER:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:424:SER:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:424:SER:OG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:425:LEU:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:425:LEU:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:425:LEU:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:425:LEU:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:427:PHE:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CG	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:428:GLN:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:428:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:C	2:B:429:SER:C	8	0.15
(1,6)	1:A:47:GLY:C	2:B:429:SER:CA	8	0.15
(1,6)	1:A:47:GLY:C	2:B:429:SER:CB	8	0.15
(1,6)	1:A:47:GLY:C	2:B:429:SER:H	8	0.15
(1,6)	1:A:47:GLY:C	2:B:429:SER:HG	8	0.15
(1,6)	1:A:47:GLY:C	2:B:429:SER:N	8	0.15
(1,6)	1:A:47:GLY:C	2:B:429:SER:O	8	0.15
(1,6)	1:A:47:GLY:C	2:B:429:SER:OG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:394:THR:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CG2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:394:THR:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:394:THR:HG1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:394:THR:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:394:THR:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:394:THR:OG1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CD	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CE	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ3	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:NZ	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CG	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:399:MET:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CE	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:399:MET:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:399:MET:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:399:MET:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:399:MET:SD	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CB	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CD	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CD	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CE	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ3	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:NZ	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:415:THR:C	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CG2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:415:THR:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:415:THR:HG1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:415:THR:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:415:THR:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:415:THR:OG1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD21	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD22	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:ND2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:OD1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CD	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CA	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:424:SER:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:424:SER:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:424:SER:HG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:424:SER:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:424:SER:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:424:SER:OG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CZ	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:429:SER:C	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CA	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CB	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:429:SER:H	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:429:SER:HG	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:429:SER:N	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:429:SER:O	8	0.15
(1,6)	1:A:47:GLY:CA	2:B:429:SER:OG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:394:THR:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:394:THR:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:394:THR:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:394:THR:CG2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:394:THR:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:394:THR:HG1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:394:THR:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:394:THR:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:394:THR:OG1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CD	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CE	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ3	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:396:LYS:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:NZ	8	0.15
(1,6)	1:A:47:GLY:H	2:B:396:LYS:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:397:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:399:MET:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:399:MET:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:399:MET:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:399:MET:CE	8	0.15
(1,6)	1:A:47:GLY:H	2:B:399:MET:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:399:MET:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:399:MET:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:399:MET:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:399:MET:SD	8	0.15
(1,6)	1:A:47:GLY:H	2:B:400:ASP:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:400:ASP:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:400:ASP:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:400:ASP:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:401:LEU:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:401:LEU:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:401:LEU:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:401:LEU:O	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:402:GLY:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:402:GLY:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:402:GLY:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:402:GLY:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:402:GLY:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:403:PHE:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:404:PRO:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CD	8	0.15
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:404:PRO:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:404:PRO:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CD	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CE	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ3	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:NZ	8	0.15
(1,6)	1:A:47:GLY:H	2:B:410:LYS:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CG	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:414:GLN:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:414:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:415:THR:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:415:THR:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:415:THR:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:415:THR:CG2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:415:THR:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:415:THR:HG1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:415:THR:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:415:THR:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:415:THR:OG1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:417:GLY:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:417:GLY:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:417:GLY:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:417:GLY:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:417:GLY:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD21	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD22	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:ND2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:418:ASN:OD1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:419:ALA:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:419:ALA:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:419:ALA:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:419:ALA:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:420:GLU:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CD	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:420:GLU:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:420:GLU:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:420:GLU:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:421:PHE:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:423:ALA:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:423:ALA:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:423:ALA:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:423:ALA:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:424:SER:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:424:SER:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:424:SER:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:424:SER:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:424:SER:HG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:424:SER:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:424:SER:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:424:SER:OG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:425:LEU:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:425:LEU:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:425:LEU:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:425:LEU:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:C	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:427:PHE:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:428:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:H	2:B:429:SER:C	8	0.15
(1,6)	1:A:47:GLY:H	2:B:429:SER:CA	8	0.15
(1,6)	1:A:47:GLY:H	2:B:429:SER:CB	8	0.15
(1,6)	1:A:47:GLY:H	2:B:429:SER:H	8	0.15
(1,6)	1:A:47:GLY:H	2:B:429:SER:HG	8	0.15
(1,6)	1:A:47:GLY:H	2:B:429:SER:N	8	0.15
(1,6)	1:A:47:GLY:H	2:B:429:SER:O	8	0.15
(1,6)	1:A:47:GLY:H	2:B:429:SER:OG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:394:THR:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:394:THR:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:394:THR:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:394:THR:CG2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:394:THR:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:394:THR:HG1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:394:THR:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:394:THR:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:394:THR:OG1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CA	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CD	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CE	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ3	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:NZ	8	0.15
(1,6)	1:A:47:GLY:N	2:B:396:LYS:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:397:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:399:MET:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:399:MET:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:399:MET:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:399:MET:CE	8	0.15
(1,6)	1:A:47:GLY:N	2:B:399:MET:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:399:MET:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:399:MET:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:399:MET:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:399:MET:SD	8	0.15
(1,6)	1:A:47:GLY:N	2:B:400:ASP:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:400:ASP:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:400:ASP:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:400:ASP:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:401:LEU:C	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:401:LEU:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:401:LEU:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:401:LEU:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:402:GLY:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:402:GLY:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:402:GLY:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:402:GLY:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:402:GLY:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:403:PHE:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:404:PRO:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CD	8	0.15
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:404:PRO:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:404:PRO:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CD	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CE	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ3	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:410:LYS:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:NZ	8	0.15
(1,6)	1:A:47:GLY:N	2:B:410:LYS:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:414:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:415:THR:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:415:THR:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:415:THR:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:415:THR:CG2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:415:THR:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:415:THR:HG1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:415:THR:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:415:THR:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:415:THR:OG1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:417:GLY:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:417:GLY:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:417:GLY:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:417:GLY:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:417:GLY:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD21	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD22	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:ND2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:418:ASN:OD1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:419:ALA:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CA	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:419:ALA:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:419:ALA:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:419:ALA:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:420:GLU:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CD	8	0.15
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:420:GLU:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:420:GLU:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:420:GLU:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:421:PHE:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:423:ALA:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:423:ALA:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:423:ALA:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:423:ALA:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:424:SER:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:424:SER:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:424:SER:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:424:SER:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:424:SER:HG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:424:SER:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:424:SER:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:424:SER:OG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:425:LEU:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CA	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:425:LEU:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:425:LEU:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:425:LEU:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:427:PHE:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:428:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:N	2:B:429:SER:C	8	0.15
(1,6)	1:A:47:GLY:N	2:B:429:SER:CA	8	0.15
(1,6)	1:A:47:GLY:N	2:B:429:SER:CB	8	0.15
(1,6)	1:A:47:GLY:N	2:B:429:SER:H	8	0.15
(1,6)	1:A:47:GLY:N	2:B:429:SER:HG	8	0.15
(1,6)	1:A:47:GLY:N	2:B:429:SER:N	8	0.15
(1,6)	1:A:47:GLY:N	2:B:429:SER:O	8	0.15
(1,6)	1:A:47:GLY:N	2:B:429:SER:OG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:394:THR:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:394:THR:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:394:THR:CB	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:394:THR:CG2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:394:THR:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:394:THR:HG1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:394:THR:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:394:THR:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:394:THR:OG1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CD	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CE	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ3	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:NZ	8	0.15
(1,6)	1:A:47:GLY:O	2:B:396:LYS:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:397:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:399:MET:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:399:MET:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:399:MET:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:399:MET:CE	8	0.15
(1,6)	1:A:47:GLY:O	2:B:399:MET:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:399:MET:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:399:MET:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:399:MET:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:399:MET:SD	8	0.15
(1,6)	1:A:47:GLY:O	2:B:400:ASP:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CA	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:400:ASP:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:400:ASP:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:400:ASP:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:401:LEU:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:401:LEU:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:401:LEU:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:401:LEU:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:402:GLY:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:402:GLY:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:402:GLY:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:402:GLY:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:402:GLY:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:403:PHE:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:404:PRO:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CD	8	0.15
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:404:PRO:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:404:PRO:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CA	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CD	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CE	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ3	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:NZ	8	0.15
(1,6)	1:A:47:GLY:O	2:B:410:LYS:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:414:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:415:THR:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:415:THR:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:415:THR:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:415:THR:CG2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:415:THR:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:415:THR:HG1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:415:THR:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:415:THR:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:415:THR:OG1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:417:GLY:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:417:GLY:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:417:GLY:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:417:GLY:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:417:GLY:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:418:ASN:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:418:ASN:H	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD21	8	0.15
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD22	8	0.15
(1,6)	1:A:47:GLY:O	2:B:418:ASN:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:418:ASN:ND2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:418:ASN:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:418:ASN:OD1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:419:ALA:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:419:ALA:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:419:ALA:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:419:ALA:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:420:GLU:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CD	8	0.15
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:420:GLU:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:420:GLU:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:420:GLU:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:421:PHE:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:423:ALA:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:423:ALA:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:423:ALA:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:423:ALA:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:424:SER:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:424:SER:CA	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:424:SER:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:424:SER:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:424:SER:HG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:424:SER:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:424:SER:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:424:SER:OG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:425:LEU:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:425:LEU:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:425:LEU:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:425:LEU:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CZ	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:427:PHE:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CB	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CD	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE21	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE22	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:NE2	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:428:GLN:OE1	8	0.15
(1,6)	1:A:47:GLY:O	2:B:429:SER:C	8	0.15
(1,6)	1:A:47:GLY:O	2:B:429:SER:CA	8	0.15
(1,6)	1:A:47:GLY:O	2:B:429:SER:CB	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:429:SER:H	8	0.15
(1,6)	1:A:47:GLY:O	2:B:429:SER:HG	8	0.15
(1,6)	1:A:47:GLY:O	2:B:429:SER:N	8	0.15
(1,6)	1:A:47:GLY:O	2:B:429:SER:O	8	0.15
(1,6)	1:A:47:GLY:O	2:B:429:SER:OG	8	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:C	2:B:396:LYS:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:397:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:CB	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:399:MET:CE	5	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:399:MET:SD	5	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:401:LEU:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:402:GLY:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:402:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:402:GLY:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:402:GLY:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:402:GLY:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:403:PHE:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:C	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CD	5	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:404:PRO:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:C	2:B:410:LYS:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:414:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:415:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:417:GLY:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:417:GLY:CA	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:417:GLY:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:417:GLY:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:417:GLY:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD21	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD22	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:ND2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:418:ASN:OD1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:419:ALA:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CD	5	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:421:PHE:O	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:423:ALA:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:423:ALA:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:423:ALA:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:423:ALA:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:HG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:424:SER:OG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:425:LEU:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:427:PHE:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE21	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:428:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:C	5	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:CA	5	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:CB	5	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:H	5	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:HG	5	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:N	5	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:O	5	0.15
(1,5)	1:A:44:ILE:C	2:B:429:SER:OG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:394:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE21	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CE	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:399:MET:SD	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD2	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CD	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CB	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:415:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD21	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD22	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:ND2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:OD1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CD	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD1	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:HG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:424:SER:OG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:N	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:C	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CA	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CB	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:H	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:HG	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:N	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:O	5	0.15
(1,5)	1:A:44:ILE:CA	2:B:429:SER:OG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:394:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:NZ	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CE	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:399:MET:SD	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:CA	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CD	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE21	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:415:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD21	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD22	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:ND2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:OD1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CD	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:H	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:HG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:424:SER:OG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CB	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:C	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CA	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CB	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:H	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:HG	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:N	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:O	5	0.15
(1,5)	1:A:44:ILE:CB	2:B:429:SER:OG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CD	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CE	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:SD	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CB	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CD	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:NZ	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD21	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD22	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:ND2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:OD1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:H	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CD	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:HG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:OG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD1	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:C	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CA	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CB	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:H	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:HG	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:N	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:O	5	0.15
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:OG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:H	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CE	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:SD	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CG	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CD	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CD	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD21	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD22	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:ND2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:OD1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CD	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:H	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:HG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:OG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:C	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CA	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CB	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:H	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:HG	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:N	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:O	5	0.15
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:OG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CE	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CG	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:SD	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CB	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CD	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:N	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD21	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD22	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:ND2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:OD1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CD	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CA	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:HG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:OG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:N	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:C	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CA	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CB	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:H	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:HG	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:N	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:O	5	0.15
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:OG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:394:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:H	2:B:396:LYS:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:N	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:397:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:397:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:CE	5	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:399:MET:SD	5	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:401:LEU:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:402:GLY:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:402:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:402:GLY:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:402:GLY:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:402:GLY:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE2	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:403:PHE:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CD	5	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:404:PRO:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:H	2:B:410:LYS:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:414:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:H	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:415:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:415:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:417:GLY:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:417:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:417:GLY:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:417:GLY:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:417:GLY:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD21	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD22	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:ND2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:418:ASN:OD1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:419:ALA:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CD	5	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE1	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:421:PHE:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:423:ALA:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:HG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:424:SER:OG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:425:LEU:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:427:PHE:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:C	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:428:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:C	5	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:CA	5	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:CB	5	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:H	5	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:HG	5	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:N	5	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:O	5	0.15
(1,5)	1:A:44:ILE:H	2:B:429:SER:OG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:394:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:N	2:B:396:LYS:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:C	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:397:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:CE	5	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:399:MET:SD	5	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:401:LEU:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:402:GLY:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:402:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:402:GLY:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:402:GLY:N	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:402:GLY:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:403:PHE:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CD	5	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:404:PRO:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:N	2:B:410:LYS:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:N	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:414:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:414:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:415:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:417:GLY:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:417:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:417:GLY:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:417:GLY:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:417:GLY:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD21	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD22	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:ND2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:418:ASN:OD1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:419:ALA:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CD	5	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:O	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:421:PHE:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:423:ALA:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:HG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:424:SER:OG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:425:LEU:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD2	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:427:PHE:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:428:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:C	5	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:CA	5	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:CB	5	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:H	5	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:HG	5	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:N	5	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:O	5	0.15
(1,5)	1:A:44:ILE:N	2:B:429:SER:OG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:394:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CG	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:396:LYS:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:O	2:B:396:LYS:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:397:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:CE	5	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:399:MET:SD	5	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD2	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:401:LEU:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:402:GLY:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:402:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:402:GLY:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:402:GLY:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:402:GLY:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:403:PHE:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CD	5	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:404:PRO:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CD	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CE	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ3	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:NZ	5	0.15
(1,5)	1:A:44:ILE:O	2:B:410:LYS:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:C	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:414:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:CG2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:HG1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:415:THR:OG1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:417:GLY:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:417:GLY:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:417:GLY:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:417:GLY:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:417:GLY:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD21	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD22	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:ND2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:418:ASN:OD1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:419:ALA:O	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:420:GLU:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CD	5	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:421:PHE:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:423:ALA:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:HG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:424:SER:OG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CG	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:425:LEU:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:425:LEU:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CZ	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:427:PHE:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CD	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE21	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE22	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:NE2	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:428:GLN:OE1	5	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:C	5	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:CA	5	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:CB	5	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:H	5	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:HG	5	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:N	5	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:O	5	0.15
(1,5)	1:A:44:ILE:O	2:B:429:SER:OG	5	0.15
(1,2)	1:A:8:LEU:C	2:B:394:THR:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:394:THR:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:394:THR:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:394:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:394:THR:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:394:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:394:THR:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:394:THR:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:394:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:C	2:B:396:LYS:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:397:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:399:MET:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:399:MET:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:399:MET:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:399:MET:CE	6	0.15
(1,2)	1:A:8:LEU:C	2:B:399:MET:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:399:MET:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:399:MET:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:399:MET:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:399:MET:SD	6	0.15
(1,2)	1:A:8:LEU:C	2:B:400:ASP:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:400:ASP:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:400:ASP:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:400:ASP:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:400:ASP:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:400:ASP:OD2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:401:LEU:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:401:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:401:LEU:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:401:LEU:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:401:LEU:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:402:GLY:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:402:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:402:GLY:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:402:GLY:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:402:GLY:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:403:PHE:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:404:PRO:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CD	6	0.15
(1,2)	1:A:8:LEU:C	2:B:404:PRO:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:404:PRO:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:404:PRO:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:410:LYS:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:C	2:B:410:LYS:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:414:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:415:THR:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:415:THR:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:415:THR:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:415:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:415:THR:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:415:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:415:THR:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:415:THR:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:415:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:417:GLY:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:417:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:417:GLY:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:417:GLY:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:417:GLY:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:418:ASN:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:418:ASN:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:418:ASN:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD21	6	0.15
(1,2)	1:A:8:LEU:C	2:B:418:ASN:HD22	6	0.15
(1,2)	1:A:8:LEU:C	2:B:418:ASN:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:418:ASN:ND2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:418:ASN:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:418:ASN:OD1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:419:ALA:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:419:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:419:ALA:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:419:ALA:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:419:ALA:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:420:GLU:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CD	6	0.15
(1,2)	1:A:8:LEU:C	2:B:420:GLU:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:420:GLU:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:420:GLU:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:420:GLU:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:420:GLU:OE2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:421:PHE:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:423:ALA:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:423:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:423:ALA:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:423:ALA:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:423:ALA:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:424:SER:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:424:SER:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:424:SER:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:424:SER:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:424:SER:HG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:424:SER:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:424:SER:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:424:SER:OG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:425:LEU:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:425:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:425:LEU:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:425:LEU:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:425:LEU:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:427:PHE:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:O	6	0.15
(1,2)	1:A:8:LEU:C	2:B:428:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:C	2:B:429:SER:C	6	0.15
(1,2)	1:A:8:LEU:C	2:B:429:SER:CA	6	0.15
(1,2)	1:A:8:LEU:C	2:B:429:SER:CB	6	0.15
(1,2)	1:A:8:LEU:C	2:B:429:SER:H	6	0.15
(1,2)	1:A:8:LEU:C	2:B:429:SER:HG	6	0.15
(1,2)	1:A:8:LEU:C	2:B:429:SER:N	6	0.15
(1,2)	1:A:8:LEU:C	2:B:429:SER:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:C	2:B:429:SER:OG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:394:THR:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:394:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:394:THR:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:394:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:394:THR:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:394:THR:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:394:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:396:LYS:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:397:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:399:MET:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CE	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:399:MET:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:399:MET:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:399:MET:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:399:MET:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:399:MET:SD	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:400:ASP:OD2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:401:LEU:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:402:GLY:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:403:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CD	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:404:PRO:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:410:LYS:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:414:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:415:THR:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:415:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:415:THR:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:415:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:415:THR:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:415:THR:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:415:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:417:GLY:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD21	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:HD22	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:ND2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:418:ASN:OD1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:419:ALA:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CD	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:420:GLU:OE2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:421:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:H	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:423:ALA:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:424:SER:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:424:SER:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:424:SER:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:424:SER:HG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:424:SER:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:424:SER:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:424:SER:OG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:425:LEU:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:427:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CA	2:B:428:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:429:SER:C	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CA	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:429:SER:CB	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:429:SER:H	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:429:SER:HG	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:429:SER:N	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:429:SER:O	6	0.15
(1,2)	1:A:8:LEU:CA	2:B:429:SER:OG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:394:THR:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:394:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:394:THR:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:394:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:394:THR:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:394:THR:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:394:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:396:LYS:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:397:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:399:MET:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CE	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:399:MET:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:399:MET:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:399:MET:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:399:MET:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:399:MET:SD	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:400:ASP:OD2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:401:LEU:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:402:GLY:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:CZ	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:403:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CD	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:404:PRO:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:410:LYS:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:414:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:415:THR:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:415:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:415:THR:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:415:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:415:THR:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:415:THR:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:415:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:417:GLY:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD21	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:HD22	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:ND2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:418:ASN:OD1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:419:ALA:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CD	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:420:GLU:OE2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:421:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:423:ALA:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:424:SER:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:424:SER:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:424:SER:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:424:SER:HG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:424:SER:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:424:SER:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:424:SER:OG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:425:LEU:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:427:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:428:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:429:SER:C	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CA	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:429:SER:CB	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:429:SER:H	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:429:SER:HG	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:429:SER:N	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:429:SER:O	6	0.15
(1,2)	1:A:8:LEU:CB	2:B:429:SER:OG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:394:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:396:LYS:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:397:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CE	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:399:MET:SD	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:400:ASP:OD2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:401:LEU:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:402:GLY:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:403:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CD	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:404:PRO:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:410:LYS:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:414:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:415:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:417:GLY:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD21	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:HD22	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:ND2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:418:ASN:OD1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:419:ALA:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CD	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:420:GLU:OE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:421:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:423:ALA:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:HG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:424:SER:OG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:425:LEU:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:427:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:428:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:C	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CA	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:CB	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:H	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:HG	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:N	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:O	6	0.15
(1,2)	1:A:8:LEU:CD1	2:B:429:SER:OG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:394:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:396:LYS:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:397:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CE	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:399:MET:SD	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:400:ASP:OD2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:H	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:401:LEU:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:402:GLY:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:403:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CD	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:404:PRO:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:410:LYS:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:414:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:415:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:417:GLY:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD21	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:HD22	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:ND2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:418:ASN:OD1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:419:ALA:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CD	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:420:GLU:OE2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:421:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:423:ALA:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:HG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:424:SER:OG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CD2	2:B:425:LEU:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:427:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:428:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:C	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CA	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:CB	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:H	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:HG	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:N	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:O	6	0.15
(1,2)	1:A:8:LEU:CD2	2:B:429:SER:OG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:394:THR:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:394:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:394:THR:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:394:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:394:THR:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:394:THR:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:394:THR:OG1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:396:LYS:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:397:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:399:MET:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CE	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:399:MET:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:399:MET:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:399:MET:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:399:MET:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:399:MET:SD	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:400:ASP:OD2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:401:LEU:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:402:GLY:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:403:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CD	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:404:PRO:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:410:LYS:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:414:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:415:THR:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:415:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:415:THR:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:415:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:415:THR:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:415:THR:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:415:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:417:GLY:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD21	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:HD22	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:ND2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:418:ASN:OD1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:419:ALA:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CD	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:420:GLU:OE2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:421:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:423:ALA:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:424:SER:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:424:SER:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:424:SER:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:424:SER:HG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:424:SER:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:424:SER:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:424:SER:OG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:425:LEU:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:427:PHE:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:428:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:429:SER:C	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CA	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:429:SER:CB	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:429:SER:H	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:429:SER:HG	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:429:SER:N	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:429:SER:O	6	0.15
(1,2)	1:A:8:LEU:CG	2:B:429:SER:OG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:394:THR:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:394:THR:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:394:THR:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:394:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:394:THR:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:394:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:394:THR:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:394:THR:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:394:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:H	2:B:396:LYS:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:397:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:399:MET:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:399:MET:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:399:MET:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:399:MET:CE	6	0.15
(1,2)	1:A:8:LEU:H	2:B:399:MET:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:399:MET:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:399:MET:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:399:MET:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:399:MET:SD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:400:ASP:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:400:ASP:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:400:ASP:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:400:ASP:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:400:ASP:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:400:ASP:OD2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:401:LEU:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:401:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:401:LEU:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:401:LEU:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:401:LEU:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:402:GLY:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:402:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:402:GLY:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:402:GLY:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:402:GLY:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:403:PHE:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:404:PRO:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CD	6	0.15
(1,2)	1:A:8:LEU:H	2:B:404:PRO:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:404:PRO:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:404:PRO:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:410:LYS:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:H	2:B:410:LYS:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:414:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:415:THR:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:415:THR:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:415:THR:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:415:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:415:THR:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:415:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:415:THR:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:415:THR:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:415:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:417:GLY:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:417:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:417:GLY:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:417:GLY:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:417:GLY:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:418:ASN:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:418:ASN:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:418:ASN:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD21	6	0.15
(1,2)	1:A:8:LEU:H	2:B:418:ASN:HD22	6	0.15
(1,2)	1:A:8:LEU:H	2:B:418:ASN:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:418:ASN:ND2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:418:ASN:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:418:ASN:OD1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:419:ALA:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:419:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:419:ALA:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:419:ALA:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:419:ALA:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:420:GLU:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CD	6	0.15
(1,2)	1:A:8:LEU:H	2:B:420:GLU:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:420:GLU:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:420:GLU:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:420:GLU:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:420:GLU:OE2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:421:PHE:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:423:ALA:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:423:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:423:ALA:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:423:ALA:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:423:ALA:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:424:SER:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:424:SER:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:424:SER:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:424:SER:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:424:SER:HG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:424:SER:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:424:SER:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:424:SER:OG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:425:LEU:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:425:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:425:LEU:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:425:LEU:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:425:LEU:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:427:PHE:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:C	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:428:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:H	2:B:429:SER:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:H	2:B:429:SER:CA	6	0.15
(1,2)	1:A:8:LEU:H	2:B:429:SER:CB	6	0.15
(1,2)	1:A:8:LEU:H	2:B:429:SER:H	6	0.15
(1,2)	1:A:8:LEU:H	2:B:429:SER:HG	6	0.15
(1,2)	1:A:8:LEU:H	2:B:429:SER:N	6	0.15
(1,2)	1:A:8:LEU:H	2:B:429:SER:O	6	0.15
(1,2)	1:A:8:LEU:H	2:B:429:SER:OG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:394:THR:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:394:THR:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:394:THR:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:394:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:394:THR:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:394:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:394:THR:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:394:THR:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:394:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:N	2:B:396:LYS:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:397:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:399:MET:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:399:MET:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:399:MET:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:399:MET:CE	6	0.15
(1,2)	1:A:8:LEU:N	2:B:399:MET:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:399:MET:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:399:MET:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:399:MET:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:399:MET:SD	6	0.15
(1,2)	1:A:8:LEU:N	2:B:400:ASP:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:400:ASP:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:400:ASP:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:400:ASP:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:400:ASP:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:400:ASP:OD2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:401:LEU:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:401:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:401:LEU:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:401:LEU:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:401:LEU:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:402:GLY:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:402:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:402:GLY:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:402:GLY:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:402:GLY:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:403:PHE:N	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:403:PHE:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:404:PRO:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CD	6	0.15
(1,2)	1:A:8:LEU:N	2:B:404:PRO:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:404:PRO:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:404:PRO:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:N	2:B:410:LYS:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:414:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:415:THR:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:415:THR:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:415:THR:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:415:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:415:THR:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:415:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:415:THR:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:415:THR:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:415:THR:OG1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:417:GLY:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:417:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:417:GLY:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:417:GLY:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:417:GLY:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD21	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:HD22	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:ND2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:418:ASN:OD1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:419:ALA:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:419:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:419:ALA:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:419:ALA:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:419:ALA:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:420:GLU:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CD	6	0.15
(1,2)	1:A:8:LEU:N	2:B:420:GLU:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:420:GLU:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:420:GLU:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:420:GLU:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:420:GLU:OE2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:H	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:421:PHE:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:421:PHE:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:423:ALA:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:423:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:423:ALA:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:423:ALA:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:423:ALA:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:424:SER:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:424:SER:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:424:SER:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:424:SER:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:424:SER:HG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:424:SER:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:424:SER:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:424:SER:OG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:425:LEU:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:425:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:425:LEU:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:425:LEU:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:425:LEU:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:427:PHE:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:N	2:B:428:GLN:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:428:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:N	2:B:429:SER:C	6	0.15
(1,2)	1:A:8:LEU:N	2:B:429:SER:CA	6	0.15
(1,2)	1:A:8:LEU:N	2:B:429:SER:CB	6	0.15
(1,2)	1:A:8:LEU:N	2:B:429:SER:H	6	0.15
(1,2)	1:A:8:LEU:N	2:B:429:SER:HG	6	0.15
(1,2)	1:A:8:LEU:N	2:B:429:SER:N	6	0.15
(1,2)	1:A:8:LEU:N	2:B:429:SER:O	6	0.15
(1,2)	1:A:8:LEU:N	2:B:429:SER:OG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:394:THR:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:394:THR:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:394:THR:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:394:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:394:THR:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:394:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:394:THR:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:394:THR:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:394:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:O	2:B:396:LYS:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:CG	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:397:GLN:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:397:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:399:MET:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:399:MET:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:399:MET:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:399:MET:CE	6	0.15
(1,2)	1:A:8:LEU:O	2:B:399:MET:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:399:MET:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:399:MET:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:399:MET:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:399:MET:SD	6	0.15
(1,2)	1:A:8:LEU:O	2:B:400:ASP:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:400:ASP:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:400:ASP:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:400:ASP:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:400:ASP:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:400:ASP:OD2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:401:LEU:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:401:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:401:LEU:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:401:LEU:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:401:LEU:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:402:GLY:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:402:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:402:GLY:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:402:GLY:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:402:GLY:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:403:PHE:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:404:PRO:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CD	6	0.15
(1,2)	1:A:8:LEU:O	2:B:404:PRO:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:404:PRO:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:404:PRO:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CD	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CE	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:HZ3	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:NZ	6	0.15
(1,2)	1:A:8:LEU:O	2:B:410:LYS:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:414:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:415:THR:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:415:THR:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:415:THR:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:415:THR:CG2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:415:THR:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:415:THR:HG1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:415:THR:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:415:THR:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:415:THR:OG1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:417:GLY:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:417:GLY:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:417:GLY:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:417:GLY:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:417:GLY:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD21	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:HD22	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:ND2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:418:ASN:OD1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:419:ALA:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:419:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:419:ALA:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:419:ALA:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:419:ALA:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:420:GLU:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CD	6	0.15
(1,2)	1:A:8:LEU:O	2:B:420:GLU:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:420:GLU:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:420:GLU:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:420:GLU:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:420:GLU:OE2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:CZ	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:421:PHE:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:423:ALA:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:423:ALA:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:423:ALA:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:423:ALA:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:423:ALA:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:424:SER:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:424:SER:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:424:SER:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:424:SER:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:424:SER:HG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:424:SER:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:424:SER:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:424:SER:OG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:425:LEU:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CD2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:425:LEU:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:425:LEU:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:425:LEU:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:425:LEU:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CD2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CE2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:CZ	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2)	1:A:8:LEU:O	2:B:427:PHE:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:427:PHE:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CD	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:CG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE21	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:HE22	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:NE2	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:428:GLN:OE1	6	0.15
(1,2)	1:A:8:LEU:O	2:B:429:SER:C	6	0.15
(1,2)	1:A:8:LEU:O	2:B:429:SER:CA	6	0.15
(1,2)	1:A:8:LEU:O	2:B:429:SER:CB	6	0.15
(1,2)	1:A:8:LEU:O	2:B:429:SER:H	6	0.15
(1,2)	1:A:8:LEU:O	2:B:429:SER:HG	6	0.15
(1,2)	1:A:8:LEU:O	2:B:429:SER:N	6	0.15
(1,2)	1:A:8:LEU:O	2:B:429:SER:O	6	0.15
(1,2)	1:A:8:LEU:O	2:B:429:SER:OG	6	0.15
(1,5)	1:A:44:ILE:C	2:B:394:THR:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:394:THR:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:394:THR:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:394:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:394:THR:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:394:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:394:THR:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:394:THR:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:394:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ3	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:396:LYS:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:C	2:B:396:LYS:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:397:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:399:MET:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:399:MET:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:399:MET:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:399:MET:CE	1	0.14
(1,5)	1:A:44:ILE:C	2:B:399:MET:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:399:MET:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:399:MET:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:399:MET:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:399:MET:SD	1	0.14
(1,5)	1:A:44:ILE:C	2:B:400:ASP:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:400:ASP:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:400:ASP:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:400:ASP:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:401:LEU:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:401:LEU:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:401:LEU:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:401:LEU:O	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:402:GLY:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:402:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:402:GLY:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:402:GLY:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:402:GLY:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:403:PHE:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:404:PRO:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CD	1	0.14
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:404:PRO:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:404:PRO:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:C	2:B:410:LYS:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CG	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:414:GLN:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:414:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:415:THR:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:415:THR:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:415:THR:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:415:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:415:THR:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:415:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:415:THR:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:415:THR:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:415:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:417:GLY:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:417:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:417:GLY:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:417:GLY:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:417:GLY:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD21	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD22	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:ND2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:418:ASN:OD1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:419:ALA:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:419:ALA:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:419:ALA:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:419:ALA:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:420:GLU:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CD	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:420:GLU:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:420:GLU:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:420:GLU:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:421:PHE:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:423:ALA:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:423:ALA:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:423:ALA:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:423:ALA:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:424:SER:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:424:SER:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:424:SER:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:424:SER:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:424:SER:HG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:424:SER:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:424:SER:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:424:SER:OG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:425:LEU:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:425:LEU:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:425:LEU:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:425:LEU:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:C	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:427:PHE:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:428:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:C	2:B:429:SER:C	1	0.14
(1,5)	1:A:44:ILE:C	2:B:429:SER:CA	1	0.14
(1,5)	1:A:44:ILE:C	2:B:429:SER:CB	1	0.14
(1,5)	1:A:44:ILE:C	2:B:429:SER:H	1	0.14
(1,5)	1:A:44:ILE:C	2:B:429:SER:HG	1	0.14
(1,5)	1:A:44:ILE:C	2:B:429:SER:N	1	0.14
(1,5)	1:A:44:ILE:C	2:B:429:SER:O	1	0.14
(1,5)	1:A:44:ILE:C	2:B:429:SER:OG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:394:THR:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:394:THR:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:394:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:394:THR:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:394:THR:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:394:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:399:MET:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CE	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:399:MET:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:399:MET:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:399:MET:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:399:MET:SD	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:C	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CD	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ3	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:415:THR:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:415:THR:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:415:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:415:THR:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:415:THR:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:415:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD21	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD22	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:ND2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:OD1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CD	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:424:SER:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:424:SER:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:424:SER:HG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:424:SER:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:424:SER:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:424:SER:OG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:429:SER:C	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CA	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CB	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:429:SER:H	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:429:SER:HG	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:429:SER:N	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:429:SER:O	1	0.14
(1,5)	1:A:44:ILE:CA	2:B:429:SER:OG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:394:THR:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:394:THR:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:394:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:394:THR:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:394:THR:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:394:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:399:MET:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CE	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:399:MET:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:399:MET:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:399:MET:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:399:MET:SD	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CD	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:415:THR:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:415:THR:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:415:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:415:THR:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:415:THR:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:415:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:H	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD21	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD22	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:ND2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:OD1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CD	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:424:SER:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:424:SER:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:424:SER:HG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:424:SER:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:424:SER:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:424:SER:OG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:429:SER:C	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CA	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:429:SER:H	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:429:SER:HG	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:429:SER:N	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:429:SER:O	1	0.14
(1,5)	1:A:44:ILE:CB	2:B:429:SER:OG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CE	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:SD	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:C	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CD	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:CA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD21	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD22	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:ND2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:OD1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CD	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:O	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:HG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:OG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE21	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:C	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CA	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CB	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:H	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:HG	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:N	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:O	1	0.14
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:OG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE21	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CE	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:SD	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD2	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CD	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD21	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD22	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:ND2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:OD1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CD	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD1	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:HG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:OG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:N	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:C	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CA	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CB	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:H	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:HG	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:N	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:O	1	0.14
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:OG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:NZ	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CE	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:SD	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:CA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CD	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE21	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD21	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD22	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:ND2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:OD1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CD	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:H	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:HG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:OG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:C	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CA	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CB	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:H	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:HG	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:N	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:O	1	0.14
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:OG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:394:THR:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:394:THR:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:394:THR:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:394:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:394:THR:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:394:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:394:THR:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:394:THR:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:394:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CD	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:H	2:B:396:LYS:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:397:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:399:MET:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:399:MET:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:399:MET:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:399:MET:CE	1	0.14
(1,5)	1:A:44:ILE:H	2:B:399:MET:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:399:MET:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:399:MET:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:399:MET:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:399:MET:SD	1	0.14
(1,5)	1:A:44:ILE:H	2:B:400:ASP:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:400:ASP:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:400:ASP:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:400:ASP:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:401:LEU:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:401:LEU:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:401:LEU:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:401:LEU:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:402:GLY:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:402:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:402:GLY:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:402:GLY:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:402:GLY:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:403:PHE:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:404:PRO:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CD	1	0.14
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:404:PRO:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:404:PRO:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:410:LYS:NZ	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:410:LYS:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:414:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:415:THR:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:415:THR:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:415:THR:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:415:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:415:THR:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:415:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:415:THR:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:415:THR:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:415:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:417:GLY:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:417:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:417:GLY:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:417:GLY:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:417:GLY:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD21	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD22	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:ND2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:418:ASN:OD1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:419:ALA:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:419:ALA:H	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:419:ALA:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:419:ALA:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:420:GLU:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CD	1	0.14
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:420:GLU:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:420:GLU:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:420:GLU:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:421:PHE:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:423:ALA:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:423:ALA:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:423:ALA:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:423:ALA:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:424:SER:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:424:SER:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:424:SER:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:424:SER:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:424:SER:HG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:424:SER:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:424:SER:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:424:SER:OG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:425:LEU:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD1	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:425:LEU:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:425:LEU:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:425:LEU:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:427:PHE:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:428:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:H	2:B:429:SER:C	1	0.14
(1,5)	1:A:44:ILE:H	2:B:429:SER:CA	1	0.14
(1,5)	1:A:44:ILE:H	2:B:429:SER:CB	1	0.14
(1,5)	1:A:44:ILE:H	2:B:429:SER:H	1	0.14
(1,5)	1:A:44:ILE:H	2:B:429:SER:HG	1	0.14
(1,5)	1:A:44:ILE:H	2:B:429:SER:N	1	0.14
(1,5)	1:A:44:ILE:H	2:B:429:SER:O	1	0.14
(1,5)	1:A:44:ILE:H	2:B:429:SER:OG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:394:THR:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:394:THR:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:394:THR:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:394:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:394:THR:H	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:394:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:394:THR:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:394:THR:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:394:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:N	2:B:396:LYS:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:397:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:399:MET:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:399:MET:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:399:MET:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:399:MET:CE	1	0.14
(1,5)	1:A:44:ILE:N	2:B:399:MET:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:399:MET:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:399:MET:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:399:MET:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:399:MET:SD	1	0.14
(1,5)	1:A:44:ILE:N	2:B:400:ASP:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CG	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:400:ASP:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:400:ASP:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:400:ASP:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:401:LEU:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:401:LEU:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:401:LEU:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:401:LEU:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:402:GLY:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:402:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:402:GLY:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:402:GLY:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:402:GLY:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:403:PHE:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:404:PRO:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CD	1	0.14
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:404:PRO:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:404:PRO:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CD	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:N	2:B:410:LYS:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:414:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:415:THR:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:415:THR:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:415:THR:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:415:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:415:THR:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:415:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:415:THR:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:415:THR:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:415:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:417:GLY:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:417:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:417:GLY:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:417:GLY:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:417:GLY:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:418:ASN:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:418:ASN:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD21	1	0.14
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD22	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:418:ASN:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:418:ASN:ND2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:418:ASN:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:418:ASN:OD1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:419:ALA:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:419:ALA:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:419:ALA:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:419:ALA:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:420:GLU:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CD	1	0.14
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:420:GLU:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:420:GLU:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:420:GLU:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:421:PHE:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:423:ALA:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:423:ALA:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:423:ALA:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:423:ALA:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:424:SER:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:424:SER:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:424:SER:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:424:SER:H	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:424:SER:HG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:424:SER:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:424:SER:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:424:SER:OG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:425:LEU:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:425:LEU:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:425:LEU:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:425:LEU:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:427:PHE:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:428:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:N	2:B:429:SER:C	1	0.14
(1,5)	1:A:44:ILE:N	2:B:429:SER:CA	1	0.14
(1,5)	1:A:44:ILE:N	2:B:429:SER:CB	1	0.14
(1,5)	1:A:44:ILE:N	2:B:429:SER:H	1	0.14
(1,5)	1:A:44:ILE:N	2:B:429:SER:HG	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:429:SER:N	1	0.14
(1,5)	1:A:44:ILE:N	2:B:429:SER:O	1	0.14
(1,5)	1:A:44:ILE:N	2:B:429:SER:OG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:394:THR:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:394:THR:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:394:THR:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:394:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:394:THR:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:394:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:394:THR:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:394:THR:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:394:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:O	2:B:396:LYS:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:397:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:399:MET:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:399:MET:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:399:MET:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:399:MET:CE	1	0.14
(1,5)	1:A:44:ILE:O	2:B:399:MET:CG	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:399:MET:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:399:MET:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:399:MET:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:399:MET:SD	1	0.14
(1,5)	1:A:44:ILE:O	2:B:400:ASP:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:400:ASP:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:400:ASP:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:400:ASP:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:401:LEU:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:401:LEU:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:401:LEU:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:401:LEU:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:402:GLY:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:402:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:402:GLY:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:402:GLY:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:402:GLY:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:403:PHE:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:404:PRO:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CD	1	0.14
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:404:PRO:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:404:PRO:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CD	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CE	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ3	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:NZ	1	0.14
(1,5)	1:A:44:ILE:O	2:B:410:LYS:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:414:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:415:THR:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:415:THR:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:415:THR:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:415:THR:CG2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:415:THR:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:415:THR:HG1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:415:THR:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:415:THR:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:415:THR:OG1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:417:GLY:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:417:GLY:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:417:GLY:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:417:GLY:N	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:417:GLY:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD21	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD22	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:ND2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:418:ASN:OD1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:419:ALA:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:419:ALA:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:419:ALA:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:419:ALA:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:420:GLU:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CD	1	0.14
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:420:GLU:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:420:GLU:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:420:GLU:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:421:PHE:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:423:ALA:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:423:ALA:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:423:ALA:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:423:ALA:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:424:SER:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:424:SER:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:424:SER:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:424:SER:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:424:SER:HG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:424:SER:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:424:SER:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:424:SER:OG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:425:LEU:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:425:LEU:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:425:LEU:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:425:LEU:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CZ	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:427:PHE:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CD	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE21	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE22	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:N	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:428:GLN:NE2	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:428:GLN:OE1	1	0.14
(1,5)	1:A:44:ILE:O	2:B:429:SER:C	1	0.14
(1,5)	1:A:44:ILE:O	2:B:429:SER:CA	1	0.14
(1,5)	1:A:44:ILE:O	2:B:429:SER:CB	1	0.14
(1,5)	1:A:44:ILE:O	2:B:429:SER:H	1	0.14
(1,5)	1:A:44:ILE:O	2:B:429:SER:HG	1	0.14
(1,5)	1:A:44:ILE:O	2:B:429:SER:N	1	0.14
(1,5)	1:A:44:ILE:O	2:B:429:SER:O	1	0.14
(1,5)	1:A:44:ILE:O	2:B:429:SER:OG	1	0.14
(1,3)	1:A:10:GLY:C	2:B:394:THR:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:394:THR:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:394:THR:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:394:THR:CG2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:394:THR:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:394:THR:HG1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:394:THR:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:394:THR:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:394:THR:OG1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CD	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CE	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ3	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:NZ	2	0.14
(1,3)	1:A:10:GLY:C	2:B:396:LYS:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:N	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:397:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:397:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:399:MET:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:399:MET:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:399:MET:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:399:MET:CE	2	0.14
(1,3)	1:A:10:GLY:C	2:B:399:MET:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:399:MET:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:399:MET:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:399:MET:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:399:MET:SD	2	0.14
(1,3)	1:A:10:GLY:C	2:B:400:ASP:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:400:ASP:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:400:ASP:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:400:ASP:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:401:LEU:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:401:LEU:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:401:LEU:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:401:LEU:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:402:GLY:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:402:GLY:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:402:GLY:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:402:GLY:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:402:GLY:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE2	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:403:PHE:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:404:PRO:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CD	2	0.14
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:404:PRO:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:404:PRO:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CD	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CE	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ3	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:NZ	2	0.14
(1,3)	1:A:10:GLY:C	2:B:410:LYS:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:414:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:415:THR:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:415:THR:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:415:THR:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:415:THR:CG2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:415:THR:H	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:415:THR:HG1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:415:THR:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:415:THR:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:415:THR:OG1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:417:GLY:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:417:GLY:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:417:GLY:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:417:GLY:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:417:GLY:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD21	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD22	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:ND2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:418:ASN:OD1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:419:ALA:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:419:ALA:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:419:ALA:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:419:ALA:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:420:GLU:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CD	2	0.14
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:420:GLU:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:420:GLU:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:420:GLU:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE1	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:421:PHE:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:423:ALA:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:423:ALA:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:423:ALA:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:423:ALA:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:424:SER:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:424:SER:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:424:SER:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:424:SER:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:424:SER:HG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:424:SER:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:424:SER:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:424:SER:OG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:425:LEU:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:425:LEU:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:425:LEU:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:425:LEU:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:427:PHE:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:C	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:428:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:C	2:B:429:SER:C	2	0.14
(1,3)	1:A:10:GLY:C	2:B:429:SER:CA	2	0.14
(1,3)	1:A:10:GLY:C	2:B:429:SER:CB	2	0.14
(1,3)	1:A:10:GLY:C	2:B:429:SER:H	2	0.14
(1,3)	1:A:10:GLY:C	2:B:429:SER:HG	2	0.14
(1,3)	1:A:10:GLY:C	2:B:429:SER:N	2	0.14
(1,3)	1:A:10:GLY:C	2:B:429:SER:O	2	0.14
(1,3)	1:A:10:GLY:C	2:B:429:SER:OG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:394:THR:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CG2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:394:THR:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:394:THR:HG1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:394:THR:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:394:THR:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:394:THR:OG1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CD	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CE	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ3	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:NZ	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:C	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:399:MET:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CE	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:399:MET:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:399:MET:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:399:MET:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:399:MET:SD	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:N	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CD	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CD	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CE	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ3	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:NZ	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:N	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:415:THR:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CG2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:415:THR:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:415:THR:HG1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:415:THR:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:415:THR:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:415:THR:OG1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD21	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD22	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:ND2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:OD1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CD	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:O	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:424:SER:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:424:SER:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:424:SER:HG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:424:SER:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:424:SER:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:424:SER:OG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD2	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:429:SER:C	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CA	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CB	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:429:SER:H	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:429:SER:HG	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:429:SER:N	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:429:SER:O	2	0.14
(1,3)	1:A:10:GLY:CA	2:B:429:SER:OG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:394:THR:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:394:THR:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:394:THR:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:394:THR:CG2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:394:THR:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:394:THR:HG1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:394:THR:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:394:THR:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:394:THR:OG1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CD	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CE	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CG	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:396:LYS:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ3	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:NZ	2	0.14
(1,3)	1:A:10:GLY:H	2:B:396:LYS:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:397:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:399:MET:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:399:MET:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:399:MET:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:399:MET:CE	2	0.14
(1,3)	1:A:10:GLY:H	2:B:399:MET:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:399:MET:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:399:MET:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:399:MET:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:399:MET:SD	2	0.14
(1,3)	1:A:10:GLY:H	2:B:400:ASP:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:400:ASP:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:400:ASP:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:400:ASP:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:401:LEU:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD2	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:401:LEU:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:401:LEU:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:401:LEU:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:402:GLY:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:402:GLY:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:402:GLY:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:402:GLY:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:402:GLY:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:403:PHE:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:404:PRO:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CD	2	0.14
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:404:PRO:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:404:PRO:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CD	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CE	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ3	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:NZ	2	0.14
(1,3)	1:A:10:GLY:H	2:B:410:LYS:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:C	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:414:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:415:THR:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:415:THR:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:415:THR:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:415:THR:CG2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:415:THR:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:415:THR:HG1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:415:THR:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:415:THR:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:415:THR:OG1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:417:GLY:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:417:GLY:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:417:GLY:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:417:GLY:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:417:GLY:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD21	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD22	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:ND2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:418:ASN:OD1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:419:ALA:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:419:ALA:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:419:ALA:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:419:ALA:O	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:420:GLU:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CD	2	0.14
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:420:GLU:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:420:GLU:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:420:GLU:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:421:PHE:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:423:ALA:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:423:ALA:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:423:ALA:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:423:ALA:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:424:SER:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:424:SER:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:424:SER:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:424:SER:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:424:SER:HG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:424:SER:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:424:SER:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:424:SER:OG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:425:LEU:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CG	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:425:LEU:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:425:LEU:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:425:LEU:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:427:PHE:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:428:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:H	2:B:429:SER:C	2	0.14
(1,3)	1:A:10:GLY:H	2:B:429:SER:CA	2	0.14
(1,3)	1:A:10:GLY:H	2:B:429:SER:CB	2	0.14
(1,3)	1:A:10:GLY:H	2:B:429:SER:H	2	0.14
(1,3)	1:A:10:GLY:H	2:B:429:SER:HG	2	0.14
(1,3)	1:A:10:GLY:H	2:B:429:SER:N	2	0.14
(1,3)	1:A:10:GLY:H	2:B:429:SER:O	2	0.14
(1,3)	1:A:10:GLY:H	2:B:429:SER:OG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:394:THR:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:394:THR:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:394:THR:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:394:THR:CG2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:394:THR:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:394:THR:HG1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:394:THR:N	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:394:THR:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:394:THR:OG1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CD	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CE	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ3	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:NZ	2	0.14
(1,3)	1:A:10:GLY:N	2:B:396:LYS:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:397:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:399:MET:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:399:MET:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:399:MET:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:399:MET:CE	2	0.14
(1,3)	1:A:10:GLY:N	2:B:399:MET:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:399:MET:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:399:MET:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:399:MET:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:399:MET:SD	2	0.14
(1,3)	1:A:10:GLY:N	2:B:400:ASP:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:400:ASP:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:400:ASP:N	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:400:ASP:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:401:LEU:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:401:LEU:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:401:LEU:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:401:LEU:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:402:GLY:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:402:GLY:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:402:GLY:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:402:GLY:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:402:GLY:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:403:PHE:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:404:PRO:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CD	2	0.14
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:404:PRO:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:404:PRO:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CD	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CE	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CG	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:410:LYS:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ3	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:NZ	2	0.14
(1,3)	1:A:10:GLY:N	2:B:410:LYS:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:414:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:415:THR:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:415:THR:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:415:THR:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:415:THR:CG2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:415:THR:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:415:THR:HG1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:415:THR:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:415:THR:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:415:THR:OG1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:417:GLY:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:417:GLY:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:417:GLY:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:417:GLY:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:417:GLY:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:418:ASN:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:418:ASN:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD21	2	0.14
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD22	2	0.14
(1,3)	1:A:10:GLY:N	2:B:418:ASN:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:418:ASN:ND2	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:418:ASN:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:418:ASN:OD1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:419:ALA:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:419:ALA:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:419:ALA:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:419:ALA:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:420:GLU:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CD	2	0.14
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:420:GLU:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:420:GLU:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:420:GLU:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:421:PHE:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:423:ALA:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:423:ALA:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:423:ALA:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:423:ALA:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:424:SER:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:424:SER:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:424:SER:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:424:SER:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:424:SER:HG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:424:SER:N	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:424:SER:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:424:SER:OG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:425:LEU:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:425:LEU:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:425:LEU:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:425:LEU:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:427:PHE:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:O	2	0.14
(1,3)	1:A:10:GLY:N	2:B:428:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:N	2:B:429:SER:C	2	0.14
(1,3)	1:A:10:GLY:N	2:B:429:SER:CA	2	0.14
(1,3)	1:A:10:GLY:N	2:B:429:SER:CB	2	0.14
(1,3)	1:A:10:GLY:N	2:B:429:SER:H	2	0.14
(1,3)	1:A:10:GLY:N	2:B:429:SER:HG	2	0.14
(1,3)	1:A:10:GLY:N	2:B:429:SER:N	2	0.14
(1,3)	1:A:10:GLY:N	2:B:429:SER:O	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:429:SER:OG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:394:THR:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:394:THR:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:394:THR:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:394:THR:CG2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:394:THR:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:394:THR:HG1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:394:THR:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:394:THR:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:394:THR:OG1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CD	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CE	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ3	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:NZ	2	0.14
(1,3)	1:A:10:GLY:O	2:B:396:LYS:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:397:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:399:MET:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:399:MET:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:399:MET:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:399:MET:CE	2	0.14
(1,3)	1:A:10:GLY:O	2:B:399:MET:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:399:MET:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:399:MET:N	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:399:MET:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:399:MET:SD	2	0.14
(1,3)	1:A:10:GLY:O	2:B:400:ASP:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:400:ASP:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:400:ASP:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:400:ASP:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:401:LEU:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:401:LEU:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:401:LEU:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:401:LEU:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:402:GLY:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:402:GLY:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:402:GLY:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:402:GLY:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:402:GLY:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:403:PHE:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:404:PRO:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CD	2	0.14
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CG	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:404:PRO:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:404:PRO:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CD	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CE	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ3	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:NZ	2	0.14
(1,3)	1:A:10:GLY:O	2:B:410:LYS:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:414:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:415:THR:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:415:THR:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:415:THR:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:415:THR:CG2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:415:THR:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:415:THR:HG1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:415:THR:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:415:THR:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:415:THR:OG1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:417:GLY:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:417:GLY:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:417:GLY:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:417:GLY:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:417:GLY:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:418:ASN:C	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:418:ASN:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD21	2	0.14
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD22	2	0.14
(1,3)	1:A:10:GLY:O	2:B:418:ASN:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:418:ASN:ND2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:418:ASN:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:418:ASN:OD1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:419:ALA:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:419:ALA:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:419:ALA:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:419:ALA:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:420:GLU:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CD	2	0.14
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:420:GLU:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:420:GLU:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:420:GLU:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:421:PHE:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:423:ALA:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:423:ALA:H	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:423:ALA:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:423:ALA:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:424:SER:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:424:SER:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:424:SER:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:424:SER:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:424:SER:HG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:424:SER:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:424:SER:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:424:SER:OG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:425:LEU:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:425:LEU:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:425:LEU:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:425:LEU:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CZ	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:427:PHE:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CD	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE21	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE22	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:NE2	2	0.14
(1,3)	1:A:10:GLY:O	2:B:428:GLN:O	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:428:GLN:OE1	2	0.14
(1,3)	1:A:10:GLY:O	2:B:429:SER:C	2	0.14
(1,3)	1:A:10:GLY:O	2:B:429:SER:CA	2	0.14
(1,3)	1:A:10:GLY:O	2:B:429:SER:CB	2	0.14
(1,3)	1:A:10:GLY:O	2:B:429:SER:H	2	0.14
(1,3)	1:A:10:GLY:O	2:B:429:SER:HG	2	0.14
(1,3)	1:A:10:GLY:O	2:B:429:SER:N	2	0.14
(1,3)	1:A:10:GLY:O	2:B:429:SER:O	2	0.14
(1,3)	1:A:10:GLY:O	2:B:429:SER:OG	2	0.14
(1,11)	1:A:71:LEU:C	2:B:394:THR:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:394:THR:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:394:THR:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:394:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:394:THR:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:394:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:394:THR:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:394:THR:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:394:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:C	2:B:396:LYS:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:397:GLN:O	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:397:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:399:MET:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:399:MET:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:399:MET:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:399:MET:CE	7	0.14
(1,11)	1:A:71:LEU:C	2:B:399:MET:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:399:MET:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:399:MET:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:399:MET:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:399:MET:SD	7	0.14
(1,11)	1:A:71:LEU:C	2:B:400:ASP:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:400:ASP:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:400:ASP:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:400:ASP:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:401:LEU:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:401:LEU:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:401:LEU:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:401:LEU:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:402:GLY:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:402:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:402:GLY:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:402:GLY:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:402:GLY:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CZ	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:403:PHE:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:403:PHE:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:404:PRO:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CD	7	0.14
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:404:PRO:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:404:PRO:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:C	2:B:410:LYS:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:414:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:415:THR:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:415:THR:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:415:THR:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:415:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:415:THR:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:415:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:415:THR:N	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:415:THR:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:415:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:417:GLY:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:417:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:417:GLY:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:417:GLY:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:417:GLY:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD21	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD22	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:ND2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:418:ASN:OD1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:419:ALA:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:419:ALA:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:419:ALA:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:419:ALA:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:420:GLU:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CD	7	0.14
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:420:GLU:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:420:GLU:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:420:GLU:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CG	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:421:PHE:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:423:ALA:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:423:ALA:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:423:ALA:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:423:ALA:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:424:SER:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:424:SER:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:424:SER:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:424:SER:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:424:SER:HG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:424:SER:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:424:SER:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:424:SER:OG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:425:LEU:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:425:LEU:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:425:LEU:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:425:LEU:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:427:PHE:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CB	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:428:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:C	2:B:429:SER:C	7	0.14
(1,11)	1:A:71:LEU:C	2:B:429:SER:CA	7	0.14
(1,11)	1:A:71:LEU:C	2:B:429:SER:CB	7	0.14
(1,11)	1:A:71:LEU:C	2:B:429:SER:H	7	0.14
(1,11)	1:A:71:LEU:C	2:B:429:SER:HG	7	0.14
(1,11)	1:A:71:LEU:C	2:B:429:SER:N	7	0.14
(1,11)	1:A:71:LEU:C	2:B:429:SER:O	7	0.14
(1,11)	1:A:71:LEU:C	2:B:429:SER:OG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:394:THR:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:394:THR:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:394:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:394:THR:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:394:THR:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:394:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CB	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:399:MET:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CE	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:399:MET:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:399:MET:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:399:MET:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:399:MET:SD	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:C	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CD	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:O	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:415:THR:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:415:THR:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:415:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:415:THR:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:415:THR:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:415:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD21	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD22	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:ND2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:OD1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CD	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE2	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:424:SER:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:424:SER:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:424:SER:HG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:424:SER:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:424:SER:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:424:SER:OG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE2	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:429:SER:C	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CA	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CB	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:429:SER:H	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:429:SER:HG	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:429:SER:N	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:429:SER:O	7	0.14
(1,11)	1:A:71:LEU:CA	2:B:429:SER:OG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:394:THR:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:394:THR:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:394:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:394:THR:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:394:THR:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:394:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ1	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:399:MET:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CE	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:399:MET:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:399:MET:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:399:MET:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:399:MET:SD	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:H	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CD	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CB	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:415:THR:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:415:THR:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:415:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:415:THR:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:415:THR:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:415:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD21	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD22	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:ND2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:OD1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CA	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CD	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:424:SER:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:424:SER:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:424:SER:HG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:424:SER:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:424:SER:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:424:SER:OG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:N	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:429:SER:C	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CA	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CB	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:429:SER:H	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:429:SER:HG	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:429:SER:N	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:429:SER:O	7	0.14
(1,11)	1:A:71:LEU:CB	2:B:429:SER:OG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:OG1	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CE	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:SD	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD1	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CD	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ1	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD21	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD22	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:ND2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:OD1	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CD	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:HG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:OG	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:C	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CA	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CB	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:H	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:HG	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:N	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:O	7	0.14
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:OG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:C	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CE	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:SD	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CD	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:O	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CB	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD21	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD22	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:ND2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:OD1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CD	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:O	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:HG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:OG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:C	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CA	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CB	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:H	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:HG	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:N	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:O	7	0.14
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:OG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:394:THR:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:394:THR:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:394:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:394:THR:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:394:THR:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:394:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:399:MET:C	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CE	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:399:MET:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:399:MET:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:399:MET:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:399:MET:SD	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:N	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CD	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:415:THR:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:415:THR:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:415:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:415:THR:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:415:THR:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:415:THR:OG1	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD21	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD22	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:ND2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:OD1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CD	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:H	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:424:SER:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:424:SER:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:424:SER:HG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:424:SER:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:424:SER:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:424:SER:OG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CG	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:429:SER:C	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CA	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CB	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:429:SER:H	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:429:SER:HG	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:429:SER:N	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:429:SER:O	7	0.14
(1,11)	1:A:71:LEU:CG	2:B:429:SER:OG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:394:THR:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:394:THR:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:394:THR:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:394:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:394:THR:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:394:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:394:THR:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:394:THR:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:394:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:H	2:B:396:LYS:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CG	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:397:GLN:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:397:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:399:MET:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:399:MET:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:399:MET:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:399:MET:CE	7	0.14
(1,11)	1:A:71:LEU:H	2:B:399:MET:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:399:MET:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:399:MET:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:399:MET:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:399:MET:SD	7	0.14
(1,11)	1:A:71:LEU:H	2:B:400:ASP:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:400:ASP:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:400:ASP:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:400:ASP:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:401:LEU:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:401:LEU:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:401:LEU:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:401:LEU:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:402:GLY:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:402:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:402:GLY:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:402:GLY:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:402:GLY:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CB	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:403:PHE:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:404:PRO:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CD	7	0.14
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:404:PRO:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:404:PRO:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:H	2:B:410:LYS:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:414:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:415:THR:C	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:415:THR:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:415:THR:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:415:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:415:THR:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:415:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:415:THR:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:415:THR:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:415:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:417:GLY:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:417:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:417:GLY:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:417:GLY:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:417:GLY:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD21	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD22	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:ND2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:418:ASN:OD1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:419:ALA:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:419:ALA:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:419:ALA:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:419:ALA:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:420:GLU:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CD	7	0.14
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:420:GLU:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:420:GLU:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:420:GLU:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CA	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:421:PHE:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:423:ALA:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:423:ALA:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:423:ALA:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:423:ALA:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:424:SER:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:424:SER:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:424:SER:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:424:SER:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:424:SER:HG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:424:SER:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:424:SER:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:424:SER:OG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:425:LEU:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:425:LEU:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:425:LEU:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:425:LEU:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CZ	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:427:PHE:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:427:PHE:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:428:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:H	2:B:429:SER:C	7	0.14
(1,11)	1:A:71:LEU:H	2:B:429:SER:CA	7	0.14
(1,11)	1:A:71:LEU:H	2:B:429:SER:CB	7	0.14
(1,11)	1:A:71:LEU:H	2:B:429:SER:H	7	0.14
(1,11)	1:A:71:LEU:H	2:B:429:SER:HG	7	0.14
(1,11)	1:A:71:LEU:H	2:B:429:SER:N	7	0.14
(1,11)	1:A:71:LEU:H	2:B:429:SER:O	7	0.14
(1,11)	1:A:71:LEU:H	2:B:429:SER:OG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:394:THR:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:394:THR:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:394:THR:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:394:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:394:THR:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:394:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:394:THR:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:394:THR:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:394:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ3	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:396:LYS:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:N	2:B:396:LYS:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:397:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:399:MET:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:399:MET:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:399:MET:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:399:MET:CE	7	0.14
(1,11)	1:A:71:LEU:N	2:B:399:MET:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:399:MET:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:399:MET:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:399:MET:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:399:MET:SD	7	0.14
(1,11)	1:A:71:LEU:N	2:B:400:ASP:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:400:ASP:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:400:ASP:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:400:ASP:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:401:LEU:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:401:LEU:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:401:LEU:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:401:LEU:O	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:402:GLY:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:402:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:402:GLY:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:402:GLY:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:402:GLY:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:403:PHE:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:404:PRO:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CD	7	0.14
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:404:PRO:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:404:PRO:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:N	2:B:410:LYS:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CG	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:414:GLN:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:414:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:415:THR:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:415:THR:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:415:THR:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:415:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:415:THR:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:415:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:415:THR:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:415:THR:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:415:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:417:GLY:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:417:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:417:GLY:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:417:GLY:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:417:GLY:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD21	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD22	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:ND2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:418:ASN:OD1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:419:ALA:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:419:ALA:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:419:ALA:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:419:ALA:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:420:GLU:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CD	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:420:GLU:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:420:GLU:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:420:GLU:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:421:PHE:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:423:ALA:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:423:ALA:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:423:ALA:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:423:ALA:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:424:SER:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:424:SER:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:424:SER:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:424:SER:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:424:SER:HG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:424:SER:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:424:SER:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:424:SER:OG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:425:LEU:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:425:LEU:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:425:LEU:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:425:LEU:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:C	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:427:PHE:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:428:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:N	2:B:429:SER:C	7	0.14
(1,11)	1:A:71:LEU:N	2:B:429:SER:CA	7	0.14
(1,11)	1:A:71:LEU:N	2:B:429:SER:CB	7	0.14
(1,11)	1:A:71:LEU:N	2:B:429:SER:H	7	0.14
(1,11)	1:A:71:LEU:N	2:B:429:SER:HG	7	0.14
(1,11)	1:A:71:LEU:N	2:B:429:SER:N	7	0.14
(1,11)	1:A:71:LEU:N	2:B:429:SER:O	7	0.14
(1,11)	1:A:71:LEU:N	2:B:429:SER:OG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:394:THR:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:394:THR:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:394:THR:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:394:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:394:THR:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:394:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:394:THR:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:394:THR:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:394:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CA	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ3	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:O	2:B:396:LYS:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:397:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:399:MET:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:399:MET:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:399:MET:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:399:MET:CE	7	0.14
(1,11)	1:A:71:LEU:O	2:B:399:MET:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:399:MET:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:399:MET:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:399:MET:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:399:MET:SD	7	0.14
(1,11)	1:A:71:LEU:O	2:B:400:ASP:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:400:ASP:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:400:ASP:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:400:ASP:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:401:LEU:C	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:401:LEU:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:401:LEU:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:401:LEU:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:402:GLY:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:402:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:402:GLY:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:402:GLY:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:402:GLY:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:403:PHE:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:404:PRO:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CD	7	0.14
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:404:PRO:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:404:PRO:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CD	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CE	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ3	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:410:LYS:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:NZ	7	0.14
(1,11)	1:A:71:LEU:O	2:B:410:LYS:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:414:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:415:THR:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:415:THR:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:415:THR:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:415:THR:CG2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:415:THR:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:415:THR:HG1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:415:THR:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:415:THR:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:415:THR:OG1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:417:GLY:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:417:GLY:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:417:GLY:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:417:GLY:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:417:GLY:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD21	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD22	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:ND2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:418:ASN:OD1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:419:ALA:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CA	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:419:ALA:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:419:ALA:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:419:ALA:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:420:GLU:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CD	7	0.14
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:420:GLU:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:420:GLU:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:420:GLU:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:421:PHE:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:423:ALA:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:423:ALA:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:423:ALA:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:423:ALA:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:424:SER:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:424:SER:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:424:SER:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:424:SER:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:424:SER:HG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:424:SER:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:424:SER:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:424:SER:OG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:425:LEU:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CA	7	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:425:LEU:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:425:LEU:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:425:LEU:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CZ	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:427:PHE:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CD	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE21	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE22	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:NE2	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:428:GLN:OE1	7	0.14
(1,11)	1:A:71:LEU:O	2:B:429:SER:C	7	0.14
(1,11)	1:A:71:LEU:O	2:B:429:SER:CA	7	0.14
(1,11)	1:A:71:LEU:O	2:B:429:SER:CB	7	0.14
(1,11)	1:A:71:LEU:O	2:B:429:SER:H	7	0.14
(1,11)	1:A:71:LEU:O	2:B:429:SER:HG	7	0.14
(1,11)	1:A:71:LEU:O	2:B:429:SER:N	7	0.14
(1,11)	1:A:71:LEU:O	2:B:429:SER:O	7	0.14
(1,11)	1:A:71:LEU:O	2:B:429:SER:OG	7	0.14
(1,5)	1:A:44:ILE:C	2:B:394:THR:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:394:THR:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:394:THR:CB	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:394:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:394:THR:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:394:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:394:THR:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:394:THR:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:394:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:C	2:B:396:LYS:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:397:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:399:MET:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:399:MET:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:399:MET:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:399:MET:CE	6	0.13
(1,5)	1:A:44:ILE:C	2:B:399:MET:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:399:MET:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:399:MET:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:399:MET:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:399:MET:SD	6	0.13
(1,5)	1:A:44:ILE:C	2:B:400:ASP:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CA	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:400:ASP:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:400:ASP:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:400:ASP:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:401:LEU:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:401:LEU:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:401:LEU:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:401:LEU:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:402:GLY:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:402:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:402:GLY:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:402:GLY:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:402:GLY:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:403:PHE:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:404:PRO:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CD	6	0.13
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:404:PRO:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:404:PRO:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CA	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:C	2:B:410:LYS:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:414:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:415:THR:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:415:THR:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:415:THR:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:415:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:415:THR:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:415:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:415:THR:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:415:THR:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:415:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:417:GLY:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:417:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:417:GLY:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:417:GLY:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:417:GLY:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:418:ASN:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:418:ASN:H	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD21	6	0.13
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD22	6	0.13
(1,5)	1:A:44:ILE:C	2:B:418:ASN:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:418:ASN:ND2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:418:ASN:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:418:ASN:OD1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:419:ALA:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:419:ALA:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:419:ALA:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:419:ALA:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:420:GLU:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CD	6	0.13
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:420:GLU:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:420:GLU:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:420:GLU:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:421:PHE:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:423:ALA:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:423:ALA:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:423:ALA:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:423:ALA:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:424:SER:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:424:SER:CA	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:424:SER:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:424:SER:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:424:SER:HG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:424:SER:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:424:SER:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:424:SER:OG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:425:LEU:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:425:LEU:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:425:LEU:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:425:LEU:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:427:PHE:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:428:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:C	2:B:429:SER:C	6	0.13
(1,5)	1:A:44:ILE:C	2:B:429:SER:CA	6	0.13
(1,5)	1:A:44:ILE:C	2:B:429:SER:CB	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:429:SER:H	6	0.13
(1,5)	1:A:44:ILE:C	2:B:429:SER:HG	6	0.13
(1,5)	1:A:44:ILE:C	2:B:429:SER:N	6	0.13
(1,5)	1:A:44:ILE:C	2:B:429:SER:O	6	0.13
(1,5)	1:A:44:ILE:C	2:B:429:SER:OG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:394:THR:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:394:THR:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:394:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:394:THR:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:394:THR:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:394:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:399:MET:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CB	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CE	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:399:MET:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:399:MET:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:399:MET:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:399:MET:SD	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:C	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CD	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:415:THR:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:415:THR:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:415:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:415:THR:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:415:THR:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:415:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:CA	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD21	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD22	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:ND2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:OD1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CD	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:O	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:424:SER:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:424:SER:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:424:SER:HG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:424:SER:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:424:SER:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:424:SER:OG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE21	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:429:SER:C	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CA	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CB	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:429:SER:H	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:429:SER:HG	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:429:SER:N	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:429:SER:O	6	0.13
(1,5)	1:A:44:ILE:CA	2:B:429:SER:OG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:394:THR:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:394:THR:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:394:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:394:THR:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:394:THR:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:394:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE21	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:399:MET:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CE	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:399:MET:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:399:MET:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:399:MET:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:399:MET:SD	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD2	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CD	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:415:THR:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CB	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:415:THR:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:415:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:415:THR:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:415:THR:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:415:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD21	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD22	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:ND2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:OD1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CD	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD1	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:424:SER:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:424:SER:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:424:SER:HG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:424:SER:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:424:SER:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:424:SER:OG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:N	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:429:SER:C	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CA	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CB	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:429:SER:H	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:429:SER:HG	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:429:SER:N	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:429:SER:O	6	0.13
(1,5)	1:A:44:ILE:CB	2:B:429:SER:OG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:NZ	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CE	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:SD	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:CA	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CD	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE21	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD21	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD22	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:ND2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:OD1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CD	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:H	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:HG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:OG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CB	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:C	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CA	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CB	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:H	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:HG	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:N	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:O	6	0.13
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:OG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CD	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CE	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:SD	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CB	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CD	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:NZ	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD21	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD22	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:ND2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:OD1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:H	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CD	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:HG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:OG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD1	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:C	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CA	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CB	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:H	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:HG	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:N	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:O	6	0.13
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:OG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:H	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CE	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:SD	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CG	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CD	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CD	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD21	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD22	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:ND2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:OD1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CD	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:H	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:HG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:OG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:C	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CA	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CB	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:H	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:HG	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:N	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:O	6	0.13
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:OG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:394:THR:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:394:THR:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:394:THR:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:394:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:394:THR:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:394:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:394:THR:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:394:THR:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:394:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:H	2:B:396:LYS:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:397:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:399:MET:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:399:MET:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:399:MET:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:399:MET:CE	6	0.13
(1,5)	1:A:44:ILE:H	2:B:399:MET:CG	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:399:MET:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:399:MET:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:399:MET:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:399:MET:SD	6	0.13
(1,5)	1:A:44:ILE:H	2:B:400:ASP:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:400:ASP:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:400:ASP:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:400:ASP:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:401:LEU:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:401:LEU:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:401:LEU:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:401:LEU:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:402:GLY:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:402:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:402:GLY:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:402:GLY:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:402:GLY:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:403:PHE:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:404:PRO:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CB	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CD	6	0.13
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:404:PRO:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:404:PRO:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:H	2:B:410:LYS:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:414:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:415:THR:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:415:THR:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:415:THR:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:415:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:415:THR:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:415:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:415:THR:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:415:THR:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:415:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:417:GLY:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:417:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:417:GLY:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:417:GLY:N	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:417:GLY:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD21	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD22	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:ND2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:418:ASN:OD1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:419:ALA:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:419:ALA:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:419:ALA:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:419:ALA:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:420:GLU:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CD	6	0.13
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:420:GLU:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:420:GLU:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:420:GLU:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:421:PHE:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:423:ALA:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CA	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:423:ALA:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:423:ALA:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:423:ALA:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:424:SER:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:424:SER:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:424:SER:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:424:SER:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:424:SER:HG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:424:SER:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:424:SER:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:424:SER:OG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:425:LEU:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:425:LEU:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:425:LEU:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:425:LEU:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:427:PHE:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:N	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:428:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:428:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:H	2:B:429:SER:C	6	0.13
(1,5)	1:A:44:ILE:H	2:B:429:SER:CA	6	0.13
(1,5)	1:A:44:ILE:H	2:B:429:SER:CB	6	0.13
(1,5)	1:A:44:ILE:H	2:B:429:SER:H	6	0.13
(1,5)	1:A:44:ILE:H	2:B:429:SER:HG	6	0.13
(1,5)	1:A:44:ILE:H	2:B:429:SER:N	6	0.13
(1,5)	1:A:44:ILE:H	2:B:429:SER:O	6	0.13
(1,5)	1:A:44:ILE:H	2:B:429:SER:OG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:394:THR:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:394:THR:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:394:THR:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:394:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:394:THR:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:394:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:394:THR:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:394:THR:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:394:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:N	2:B:396:LYS:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:N	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:397:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:397:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:399:MET:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:399:MET:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:399:MET:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:399:MET:CE	6	0.13
(1,5)	1:A:44:ILE:N	2:B:399:MET:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:399:MET:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:399:MET:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:399:MET:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:399:MET:SD	6	0.13
(1,5)	1:A:44:ILE:N	2:B:400:ASP:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:400:ASP:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:400:ASP:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:400:ASP:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:401:LEU:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:401:LEU:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:401:LEU:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:401:LEU:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:402:GLY:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:402:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:402:GLY:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:402:GLY:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:402:GLY:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE2	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:403:PHE:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:404:PRO:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CD	6	0.13
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:404:PRO:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:404:PRO:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:N	2:B:410:LYS:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:414:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:415:THR:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:415:THR:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:415:THR:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:415:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:415:THR:H	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:415:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:415:THR:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:415:THR:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:415:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:417:GLY:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:417:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:417:GLY:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:417:GLY:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:417:GLY:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD21	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD22	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:ND2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:418:ASN:OD1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:419:ALA:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:419:ALA:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:419:ALA:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:419:ALA:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:420:GLU:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CD	6	0.13
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:420:GLU:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:420:GLU:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:420:GLU:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE1	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:421:PHE:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:423:ALA:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:423:ALA:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:423:ALA:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:423:ALA:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:424:SER:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:424:SER:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:424:SER:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:424:SER:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:424:SER:HG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:424:SER:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:424:SER:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:424:SER:OG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:425:LEU:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:425:LEU:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:425:LEU:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:425:LEU:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:427:PHE:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:C	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:428:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:N	2:B:429:SER:C	6	0.13
(1,5)	1:A:44:ILE:N	2:B:429:SER:CA	6	0.13
(1,5)	1:A:44:ILE:N	2:B:429:SER:CB	6	0.13
(1,5)	1:A:44:ILE:N	2:B:429:SER:H	6	0.13
(1,5)	1:A:44:ILE:N	2:B:429:SER:HG	6	0.13
(1,5)	1:A:44:ILE:N	2:B:429:SER:N	6	0.13
(1,5)	1:A:44:ILE:N	2:B:429:SER:O	6	0.13
(1,5)	1:A:44:ILE:N	2:B:429:SER:OG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:394:THR:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:394:THR:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:394:THR:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:394:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:394:THR:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:394:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:394:THR:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:394:THR:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:394:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:O	2:B:396:LYS:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:C	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:397:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:399:MET:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:399:MET:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:399:MET:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:399:MET:CE	6	0.13
(1,5)	1:A:44:ILE:O	2:B:399:MET:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:399:MET:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:399:MET:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:399:MET:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:399:MET:SD	6	0.13
(1,5)	1:A:44:ILE:O	2:B:400:ASP:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:400:ASP:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:400:ASP:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:400:ASP:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:401:LEU:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:401:LEU:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:401:LEU:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:401:LEU:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:402:GLY:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:402:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:402:GLY:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:402:GLY:N	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:402:GLY:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:403:PHE:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:404:PRO:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CD	6	0.13
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:404:PRO:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:404:PRO:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CD	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CE	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ3	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:NZ	6	0.13
(1,5)	1:A:44:ILE:O	2:B:410:LYS:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:N	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:414:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:414:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:415:THR:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:415:THR:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:415:THR:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:415:THR:CG2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:415:THR:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:415:THR:HG1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:415:THR:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:415:THR:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:415:THR:OG1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:417:GLY:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:417:GLY:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:417:GLY:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:417:GLY:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:417:GLY:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD21	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD22	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:ND2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:418:ASN:OD1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:419:ALA:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:419:ALA:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:419:ALA:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:419:ALA:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:420:GLU:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CD	6	0.13
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:420:GLU:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:420:GLU:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:420:GLU:O	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:421:PHE:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:423:ALA:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:423:ALA:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:423:ALA:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:423:ALA:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:424:SER:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:424:SER:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:424:SER:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:424:SER:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:424:SER:HG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:424:SER:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:424:SER:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:424:SER:OG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:425:LEU:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:425:LEU:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:425:LEU:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:425:LEU:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD2	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CZ	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:427:PHE:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CD	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE21	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE22	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:NE2	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:428:GLN:OE1	6	0.13
(1,5)	1:A:44:ILE:O	2:B:429:SER:C	6	0.13
(1,5)	1:A:44:ILE:O	2:B:429:SER:CA	6	0.13
(1,5)	1:A:44:ILE:O	2:B:429:SER:CB	6	0.13
(1,5)	1:A:44:ILE:O	2:B:429:SER:H	6	0.13
(1,5)	1:A:44:ILE:O	2:B:429:SER:HG	6	0.13
(1,5)	1:A:44:ILE:O	2:B:429:SER:N	6	0.13
(1,5)	1:A:44:ILE:O	2:B:429:SER:O	6	0.13
(1,5)	1:A:44:ILE:O	2:B:429:SER:OG	6	0.13
(1,11)	1:A:71:LEU:C	2:B:394:THR:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:394:THR:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:394:THR:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:394:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:394:THR:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:394:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:394:THR:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:394:THR:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:394:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CG	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:396:LYS:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:C	2:B:396:LYS:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:397:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:399:MET:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:399:MET:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:399:MET:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:399:MET:CE	4	0.13
(1,11)	1:A:71:LEU:C	2:B:399:MET:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:399:MET:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:399:MET:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:399:MET:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:399:MET:SD	4	0.13
(1,11)	1:A:71:LEU:C	2:B:400:ASP:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:400:ASP:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:400:ASP:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:400:ASP:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:401:LEU:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD2	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:401:LEU:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:401:LEU:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:401:LEU:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:402:GLY:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:402:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:402:GLY:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:402:GLY:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:402:GLY:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:403:PHE:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:404:PRO:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CD	4	0.13
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:404:PRO:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:404:PRO:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:C	2:B:410:LYS:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:C	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:414:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:415:THR:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:415:THR:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:415:THR:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:415:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:415:THR:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:415:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:415:THR:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:415:THR:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:415:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:417:GLY:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:417:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:417:GLY:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:417:GLY:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:417:GLY:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD21	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD22	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:ND2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:418:ASN:OD1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:419:ALA:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:419:ALA:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:419:ALA:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:419:ALA:O	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:420:GLU:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CD	4	0.13
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:420:GLU:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:420:GLU:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:420:GLU:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:421:PHE:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:423:ALA:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:423:ALA:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:423:ALA:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:423:ALA:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:424:SER:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:424:SER:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:424:SER:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:424:SER:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:424:SER:HG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:424:SER:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:424:SER:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:424:SER:OG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:425:LEU:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CG	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:425:LEU:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:425:LEU:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:425:LEU:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:427:PHE:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:428:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:C	2:B:429:SER:C	4	0.13
(1,11)	1:A:71:LEU:C	2:B:429:SER:CA	4	0.13
(1,11)	1:A:71:LEU:C	2:B:429:SER:CB	4	0.13
(1,11)	1:A:71:LEU:C	2:B:429:SER:H	4	0.13
(1,11)	1:A:71:LEU:C	2:B:429:SER:HG	4	0.13
(1,11)	1:A:71:LEU:C	2:B:429:SER:N	4	0.13
(1,11)	1:A:71:LEU:C	2:B:429:SER:O	4	0.13
(1,11)	1:A:71:LEU:C	2:B:429:SER:OG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:394:THR:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:394:THR:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:394:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:394:THR:N	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:394:THR:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:394:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:399:MET:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CE	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:399:MET:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:399:MET:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:399:MET:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:399:MET:SD	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:N	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CD	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CG	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:415:THR:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:415:THR:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:415:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:415:THR:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:415:THR:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:415:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD21	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD22	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:ND2	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:OD1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CD	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:424:SER:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:424:SER:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:424:SER:HG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:424:SER:N	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:424:SER:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:424:SER:OG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:429:SER:C	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CA	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CB	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:429:SER:H	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:429:SER:HG	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:429:SER:N	4	0.13
(1,11)	1:A:71:LEU:CA	2:B:429:SER:O	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:429:SER:OG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:394:THR:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:394:THR:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:394:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:394:THR:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:394:THR:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:394:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:399:MET:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CE	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:399:MET:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:399:MET:N	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:399:MET:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:399:MET:SD	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CD	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CG	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:415:THR:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:415:THR:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:415:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:415:THR:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:415:THR:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:415:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:C	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD21	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD22	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:ND2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:OD1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CD	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:H	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:424:SER:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:424:SER:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:424:SER:HG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:424:SER:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:424:SER:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:424:SER:OG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:O	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:429:SER:C	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CA	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CB	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:429:SER:H	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:429:SER:HG	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:429:SER:N	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:429:SER:O	4	0.13
(1,11)	1:A:71:LEU:CB	2:B:429:SER:OG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:O	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CE	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:SD	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CZ	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CD	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:N	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD21	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD22	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:ND2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:OD1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CD	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CG	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:HG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:OG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CB	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:C	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CA	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CB	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:H	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:HG	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:N	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:O	4	0.13
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:OG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CB	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CE	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:SD	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:C	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CD	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:O	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD21	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD22	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:ND2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:OD1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CD	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE2	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:HG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:OG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE2	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:C	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CA	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CB	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:H	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:HG	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:N	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:O	4	0.13
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:OG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:394:THR:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:394:THR:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:394:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:394:THR:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:394:THR:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:394:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ1	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:399:MET:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CE	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:399:MET:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:399:MET:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:399:MET:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:399:MET:SD	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:H	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CD	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CB	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:415:THR:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:415:THR:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:415:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:415:THR:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:415:THR:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:415:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD21	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD22	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:ND2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:OD1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CA	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CD	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:424:SER:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:424:SER:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:424:SER:HG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:424:SER:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:424:SER:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:424:SER:OG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:N	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:429:SER:C	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CA	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CB	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:429:SER:H	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:429:SER:HG	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:429:SER:N	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:429:SER:O	4	0.13
(1,11)	1:A:71:LEU:CG	2:B:429:SER:OG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:394:THR:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:394:THR:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:394:THR:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:394:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:394:THR:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:394:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:394:THR:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:394:THR:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:394:THR:OG1	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:396:LYS:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:H	2:B:396:LYS:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:397:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:399:MET:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:399:MET:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:399:MET:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:399:MET:CE	4	0.13
(1,11)	1:A:71:LEU:H	2:B:399:MET:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:399:MET:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:399:MET:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:399:MET:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:399:MET:SD	4	0.13
(1,11)	1:A:71:LEU:H	2:B:400:ASP:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:400:ASP:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:400:ASP:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:400:ASP:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD1	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:401:LEU:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:401:LEU:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:401:LEU:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:401:LEU:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:402:GLY:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:402:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:402:GLY:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:402:GLY:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:402:GLY:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:403:PHE:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:404:PRO:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CD	4	0.13
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:404:PRO:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:404:PRO:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ1	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:H	2:B:410:LYS:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:414:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:415:THR:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:415:THR:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:415:THR:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:415:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:415:THR:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:415:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:415:THR:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:415:THR:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:415:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:417:GLY:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:417:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:417:GLY:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:417:GLY:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:417:GLY:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD21	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD22	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:ND2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:418:ASN:OD1	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:419:ALA:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:419:ALA:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:419:ALA:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:419:ALA:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:420:GLU:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CD	4	0.13
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:420:GLU:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:420:GLU:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:420:GLU:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:421:PHE:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:423:ALA:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:423:ALA:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:423:ALA:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:423:ALA:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:424:SER:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:424:SER:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:424:SER:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:424:SER:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:424:SER:HG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:424:SER:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:424:SER:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:424:SER:OG	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:425:LEU:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:425:LEU:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:425:LEU:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:425:LEU:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:427:PHE:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:428:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:H	2:B:429:SER:C	4	0.13
(1,11)	1:A:71:LEU:H	2:B:429:SER:CA	4	0.13
(1,11)	1:A:71:LEU:H	2:B:429:SER:CB	4	0.13
(1,11)	1:A:71:LEU:H	2:B:429:SER:H	4	0.13
(1,11)	1:A:71:LEU:H	2:B:429:SER:HG	4	0.13
(1,11)	1:A:71:LEU:H	2:B:429:SER:N	4	0.13
(1,11)	1:A:71:LEU:H	2:B:429:SER:O	4	0.13
(1,11)	1:A:71:LEU:H	2:B:429:SER:OG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:394:THR:C	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:394:THR:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:394:THR:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:394:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:394:THR:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:394:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:394:THR:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:394:THR:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:394:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:N	2:B:396:LYS:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:397:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:399:MET:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:399:MET:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:399:MET:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:399:MET:CE	4	0.13
(1,11)	1:A:71:LEU:N	2:B:399:MET:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:399:MET:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:399:MET:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:399:MET:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:399:MET:SD	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:400:ASP:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:400:ASP:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:400:ASP:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:400:ASP:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:401:LEU:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:401:LEU:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:401:LEU:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:401:LEU:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:402:GLY:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:402:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:402:GLY:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:402:GLY:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:402:GLY:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:403:PHE:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:404:PRO:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CD	4	0.13
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:404:PRO:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:404:PRO:O	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:410:LYS:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:N	2:B:410:LYS:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:414:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:415:THR:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:415:THR:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:415:THR:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:415:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:415:THR:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:415:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:415:THR:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:415:THR:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:415:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:417:GLY:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:417:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:417:GLY:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:417:GLY:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:417:GLY:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:418:ASN:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CB	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:418:ASN:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD21	4	0.13
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD22	4	0.13
(1,11)	1:A:71:LEU:N	2:B:418:ASN:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:418:ASN:ND2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:418:ASN:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:418:ASN:OD1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:419:ALA:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:419:ALA:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:419:ALA:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:419:ALA:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:420:GLU:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CD	4	0.13
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:420:GLU:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:420:GLU:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:420:GLU:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:421:PHE:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:423:ALA:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:423:ALA:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:423:ALA:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:423:ALA:O	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:424:SER:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:424:SER:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:424:SER:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:424:SER:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:424:SER:HG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:424:SER:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:424:SER:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:424:SER:OG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:425:LEU:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:425:LEU:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:425:LEU:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:425:LEU:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:427:PHE:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:C	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:428:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:N	2:B:429:SER:C	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:429:SER:CA	4	0.13
(1,11)	1:A:71:LEU:N	2:B:429:SER:CB	4	0.13
(1,11)	1:A:71:LEU:N	2:B:429:SER:H	4	0.13
(1,11)	1:A:71:LEU:N	2:B:429:SER:HG	4	0.13
(1,11)	1:A:71:LEU:N	2:B:429:SER:N	4	0.13
(1,11)	1:A:71:LEU:N	2:B:429:SER:O	4	0.13
(1,11)	1:A:71:LEU:N	2:B:429:SER:OG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:394:THR:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:394:THR:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:394:THR:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:394:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:394:THR:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:394:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:394:THR:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:394:THR:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:394:THR:OG1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:O	2:B:396:LYS:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:397:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:399:MET:C	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:399:MET:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:399:MET:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:399:MET:CE	4	0.13
(1,11)	1:A:71:LEU:O	2:B:399:MET:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:399:MET:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:399:MET:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:399:MET:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:399:MET:SD	4	0.13
(1,11)	1:A:71:LEU:O	2:B:400:ASP:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:400:ASP:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:400:ASP:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:400:ASP:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:401:LEU:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:401:LEU:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:401:LEU:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:401:LEU:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:402:GLY:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:402:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:402:GLY:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:402:GLY:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:402:GLY:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:403:PHE:N	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:403:PHE:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:404:PRO:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CD	4	0.13
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:404:PRO:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:404:PRO:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CD	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CE	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ3	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:NZ	4	0.13
(1,11)	1:A:71:LEU:O	2:B:410:LYS:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:414:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:415:THR:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:415:THR:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:415:THR:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:415:THR:CG2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:415:THR:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:415:THR:HG1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:415:THR:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:415:THR:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:415:THR:OG1	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:417:GLY:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:417:GLY:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:417:GLY:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:417:GLY:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:417:GLY:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD21	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD22	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:ND2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:418:ASN:OD1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:419:ALA:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:419:ALA:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:419:ALA:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:419:ALA:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:420:GLU:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CD	4	0.13
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:420:GLU:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:420:GLU:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:420:GLU:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:H	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:421:PHE:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:421:PHE:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:423:ALA:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:423:ALA:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:423:ALA:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:423:ALA:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:424:SER:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:424:SER:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:424:SER:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:424:SER:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:424:SER:HG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:424:SER:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:424:SER:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:424:SER:OG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:425:LEU:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:425:LEU:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:425:LEU:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:425:LEU:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CZ	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:427:PHE:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CD	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CG	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:428:GLN:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE21	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE22	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:NE2	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:428:GLN:OE1	4	0.13
(1,11)	1:A:71:LEU:O	2:B:429:SER:C	4	0.13
(1,11)	1:A:71:LEU:O	2:B:429:SER:CA	4	0.13
(1,11)	1:A:71:LEU:O	2:B:429:SER:CB	4	0.13
(1,11)	1:A:71:LEU:O	2:B:429:SER:H	4	0.13
(1,11)	1:A:71:LEU:O	2:B:429:SER:HG	4	0.13
(1,11)	1:A:71:LEU:O	2:B:429:SER:N	4	0.13
(1,11)	1:A:71:LEU:O	2:B:429:SER:O	4	0.13
(1,11)	1:A:71:LEU:O	2:B:429:SER:OG	4	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CG	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:397:GLN:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:CE	5	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:SD	5	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:402:GLY:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:402:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:402:GLY:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:402:GLY:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:402:GLY:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CB	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CD	5	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:C	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:415:THR:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:417:GLY:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:417:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:417:GLY:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:417:GLY:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:417:GLY:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD21	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD22	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:ND2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:OD1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CD	5	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:HG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:OG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CZ	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:427:PHE:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:C	5	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:CA	5	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:CB	5	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:H	5	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:HG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:N	5	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:O	5	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:OG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ3	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CE	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:SD	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:O	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CD	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CG	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD21	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD22	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:ND2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:OD1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CD	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:HG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:OG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:C	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:C	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CA	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CB	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:H	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:HG	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:N	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:O	5	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:OG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CE	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:SD	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:C	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CD	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ3	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD21	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD22	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:ND2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:OD1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CD	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:HG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:OG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:C	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CA	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CB	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:H	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:HG	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:N	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:O	5	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:OG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CB	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CE	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:SD	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CD	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:H	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD21	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD22	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:ND2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:OD1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CD	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:HG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:OG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:C	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CA	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CB	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:H	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:HG	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:N	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:O	5	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:OG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CB	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CE	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:SD	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:C	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CD	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:CA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD21	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD22	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:ND2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:OD1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CD	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:O	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:HG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:OG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE21	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:C	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CA	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CB	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:H	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:HG	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:N	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:O	5	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:OG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE21	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:CE	5	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:SD	5	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:402:GLY:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:402:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:402:GLY:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:402:GLY:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:402:GLY:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD2	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CD	5	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:CB	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:415:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:417:GLY:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:417:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:417:GLY:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:417:GLY:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:417:GLY:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD21	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD22	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:ND2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:OD1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CD	5	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD1	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:HG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:OG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:N	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:427:PHE:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:C	5	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:CA	5	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:CB	5	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:H	5	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:HG	5	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:N	5	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:O	5	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:OG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:NZ	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:396:LYS:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:CE	5	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:SD	5	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:402:GLY:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:402:GLY:CA	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:402:GLY:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:402:GLY:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:402:GLY:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CD	5	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE21	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:417:GLY:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:417:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:417:GLY:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:417:GLY:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:417:GLY:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD21	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD22	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:ND2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:OD1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CD	5	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:H	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:420:GLU:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:HG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:OG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CB	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:C	5	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:CA	5	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:CB	5	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:H	5	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:HG	5	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:N	5	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:O	5	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:OG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CD	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:NZ	5	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:CE	5	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:SD	5	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CB	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:402:GLY:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:402:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:402:GLY:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:402:GLY:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:402:GLY:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CD	5	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CD	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CE	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ3	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:NZ	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:410:LYS:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:CG2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:HG1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:OG1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:417:GLY:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:417:GLY:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:417:GLY:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:417:GLY:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:417:GLY:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD21	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD22	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:ND2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:OD1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:H	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:419:ALA:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CD	5	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:HG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:OG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD1	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CZ	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CD	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE21	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE22	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:NE2	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:OE1	5	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:C	5	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:CA	5	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:CB	5	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:H	5	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:HG	5	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:N	5	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:O	5	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:OG	5	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:H	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:394:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:394:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:C	2:B:396:LYS:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:397:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:CE	10	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:399:MET:SD	10	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:CG	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:400:ASP:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:400:ASP:OD2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:401:LEU:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:402:GLY:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:402:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:402:GLY:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:402:GLY:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:402:GLY:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:403:PHE:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CD	10	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:404:PRO:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CD	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:C	2:B:410:LYS:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:414:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:415:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:417:GLY:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:417:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:417:GLY:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:417:GLY:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:417:GLY:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD21	10	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:HD22	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:418:ASN:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:ND2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:418:ASN:OD1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:419:ALA:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CD	10	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:420:GLU:OE2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:421:PHE:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:423:ALA:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:H	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:424:SER:HG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:424:SER:OG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:425:LEU:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:427:PHE:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:428:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:C	10	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:CA	10	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:CB	10	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:H	10	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:HG	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:C	2:B:429:SER:N	10	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:O	10	0.13
(1,10)	1:A:70:VAL:C	2:B:429:SER:OG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:394:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:396:LYS:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:397:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CE	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:CG	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:399:MET:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:399:MET:SD	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:400:ASP:OD2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:401:LEU:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:402:GLY:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:403:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CD	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:404:PRO:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:410:LYS:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:414:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:415:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:N	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:417:GLY:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD21	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:HD22	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:ND2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:418:ASN:OD1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:419:ALA:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CD	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:420:GLU:OE2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:421:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:423:ALA:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:HG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:424:SER:OG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:425:LEU:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:427:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:N	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:428:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:C	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CA	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:CB	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:H	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:HG	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:N	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:O	10	0.13
(1,10)	1:A:70:VAL:CA	2:B:429:SER:OG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:394:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:396:LYS:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:N	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:397:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CE	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:399:MET:SD	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:400:ASP:OD2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:401:LEU:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:402:GLY:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CE2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:403:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CD	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:404:PRO:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:410:LYS:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:414:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:H	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:415:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:415:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:417:GLY:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD21	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:HD22	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:ND2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:418:ASN:OD1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:419:ALA:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CD	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:420:GLU:OE2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:421:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:423:ALA:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:HG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:424:SER:OG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:425:LEU:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:427:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:428:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:C	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CA	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:CB	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:H	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:HG	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:N	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:O	10	0.13
(1,10)	1:A:70:VAL:CB	2:B:429:SER:OG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:394:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:396:LYS:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:397:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CE	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:399:MET:SD	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:400:ASP:OD2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:401:LEU:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:N	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:402:GLY:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:403:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CD	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:404:PRO:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:410:LYS:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:N	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:414:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:415:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:417:GLY:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD21	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:HD22	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:ND2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:418:ASN:OD1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:419:ALA:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CD	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:420:GLU:OE2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:421:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:423:ALA:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:HG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:424:SER:OG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:425:LEU:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CD2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:427:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:428:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:C	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CA	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:CB	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:H	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:HG	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:N	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:O	10	0.13
(1,10)	1:A:70:VAL:CG1	2:B:429:SER:OG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:394:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:CG	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:396:LYS:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:397:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CE	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:399:MET:SD	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:400:ASP:OD2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CD2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:401:LEU:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:402:GLY:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:403:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CD	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:404:PRO:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:410:LYS:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:414:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:415:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:417:GLY:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD21	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:HD22	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:ND2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:418:ASN:OD1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:419:ALA:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CD	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:420:GLU:OE2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:421:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:423:ALA:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:HG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:424:SER:OG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:CG	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:425:LEU:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:427:PHE:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:428:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:C	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CA	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:CB	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:H	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:HG	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:N	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:O	10	0.13
(1,10)	1:A:70:VAL:CG2	2:B:429:SER:OG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:N	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:394:THR:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:394:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:H	2:B:396:LYS:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:397:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:CE	10	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:399:MET:SD	10	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:N	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:400:ASP:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:400:ASP:OD2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:401:LEU:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:402:GLY:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:402:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:402:GLY:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:402:GLY:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:402:GLY:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:403:PHE:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CD	10	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:404:PRO:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:CG	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:410:LYS:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:H	2:B:410:LYS:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:414:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:415:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:417:GLY:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:417:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:417:GLY:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:417:GLY:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:417:GLY:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD21	10	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:HD22	10	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:ND2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:418:ASN:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:418:ASN:OD1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:419:ALA:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CD	10	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:420:GLU:OE2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:421:PHE:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:423:ALA:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:HG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:N	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:424:SER:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:424:SER:OG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:425:LEU:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:427:PHE:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:O	10	0.13
(1,10)	1:A:70:VAL:H	2:B:428:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:C	10	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:CA	10	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:CB	10	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:H	10	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:HG	10	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:N	10	0.13
(1,10)	1:A:70:VAL:H	2:B:429:SER:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:H	2:B:429:SER:OG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:394:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:N	2:B:396:LYS:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:397:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:CE	10	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:N	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:399:MET:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:399:MET:SD	10	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:400:ASP:OD2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:401:LEU:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:402:GLY:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:402:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:402:GLY:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:402:GLY:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:402:GLY:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:403:PHE:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CD	10	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:CG	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:404:PRO:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:404:PRO:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:N	2:B:410:LYS:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:414:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:415:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:417:GLY:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:417:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:417:GLY:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:417:GLY:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:417:GLY:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD21	10	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:HD22	10	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:ND2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:418:ASN:OD1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:419:ALA:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CD	10	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:420:GLU:OE2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:421:PHE:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:H	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:423:ALA:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:423:ALA:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:HG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:424:SER:OG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:425:LEU:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:427:PHE:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:N	2:B:428:GLN:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:N	2:B:428:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:C	10	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:CA	10	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:CB	10	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:H	10	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:HG	10	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:N	10	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:O	10	0.13
(1,10)	1:A:70:VAL:N	2:B:429:SER:OG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:394:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:O	2:B:396:LYS:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:397:GLN:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:397:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:CE	10	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:399:MET:SD	10	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:400:ASP:OD2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:401:LEU:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:402:GLY:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:402:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:402:GLY:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:402:GLY:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:402:GLY:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:CZ	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:403:PHE:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:403:PHE:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CD	10	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:404:PRO:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CD	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CE	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:HZ3	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:NZ	10	0.13
(1,10)	1:A:70:VAL:O	2:B:410:LYS:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:414:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:CG2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:HG1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:N	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:415:THR:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:415:THR:OG1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:417:GLY:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:417:GLY:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:417:GLY:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:417:GLY:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:417:GLY:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD21	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:HD22	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:ND2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:418:ASN:OD1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:419:ALA:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CD	10	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:420:GLU:OE2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CG	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:421:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:421:PHE:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:423:ALA:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:HG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:424:SER:OG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CD2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:425:LEU:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CD2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CE2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:CZ	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:427:PHE:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CD	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:CG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE21	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:HE22	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:NE2	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:428:GLN:OE1	10	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:C	10	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:CA	10	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:CB	10	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:H	10	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:HG	10	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:N	10	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:O	10	0.13
(1,10)	1:A:70:VAL:O	2:B:429:SER:OG	10	0.13
(1,6)	1:A:47:GLY:C	2:B:394:THR:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:394:THR:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:394:THR:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:394:THR:CG2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:394:THR:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:394:THR:HG1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:394:THR:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:394:THR:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:394:THR:OG1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CD	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CE	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ3	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:NZ	9	0.12
(1,6)	1:A:47:GLY:C	2:B:396:LYS:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CB	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:397:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:399:MET:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:399:MET:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:399:MET:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:399:MET:CE	9	0.12
(1,6)	1:A:47:GLY:C	2:B:399:MET:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:399:MET:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:399:MET:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:399:MET:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:399:MET:SD	9	0.12
(1,6)	1:A:47:GLY:C	2:B:400:ASP:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:400:ASP:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:400:ASP:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:400:ASP:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:401:LEU:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:401:LEU:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:401:LEU:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:401:LEU:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:402:GLY:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:402:GLY:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:402:GLY:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:402:GLY:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:402:GLY:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:C	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:403:PHE:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:404:PRO:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CD	9	0.12
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:404:PRO:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:404:PRO:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CD	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CE	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ3	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:NZ	9	0.12
(1,6)	1:A:47:GLY:C	2:B:410:LYS:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:414:GLN:O	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:414:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:415:THR:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:415:THR:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:415:THR:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:415:THR:CG2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:415:THR:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:415:THR:HG1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:415:THR:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:415:THR:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:415:THR:OG1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:417:GLY:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:417:GLY:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:417:GLY:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:417:GLY:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:417:GLY:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD21	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD22	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:ND2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:418:ASN:OD1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:419:ALA:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:419:ALA:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:419:ALA:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:419:ALA:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:420:GLU:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CD	9	0.12
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:420:GLU:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:420:GLU:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:420:GLU:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE2	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:421:PHE:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:421:PHE:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:423:ALA:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:423:ALA:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:423:ALA:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:423:ALA:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:424:SER:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:424:SER:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:424:SER:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:424:SER:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:424:SER:HG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:424:SER:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:424:SER:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:424:SER:OG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:425:LEU:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:425:LEU:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:425:LEU:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:425:LEU:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE2	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:427:PHE:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:428:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:C	2:B:429:SER:C	9	0.12
(1,6)	1:A:47:GLY:C	2:B:429:SER:CA	9	0.12
(1,6)	1:A:47:GLY:C	2:B:429:SER:CB	9	0.12
(1,6)	1:A:47:GLY:C	2:B:429:SER:H	9	0.12
(1,6)	1:A:47:GLY:C	2:B:429:SER:HG	9	0.12
(1,6)	1:A:47:GLY:C	2:B:429:SER:N	9	0.12
(1,6)	1:A:47:GLY:C	2:B:429:SER:O	9	0.12
(1,6)	1:A:47:GLY:C	2:B:429:SER:OG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:394:THR:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CG2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:394:THR:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:394:THR:HG1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:394:THR:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:394:THR:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:394:THR:OG1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CD	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CE	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ1	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ3	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:NZ	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:399:MET:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CE	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:399:MET:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:399:MET:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:399:MET:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:399:MET:SD	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:H	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CD	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CD	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CE	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ3	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:NZ	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CB	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:415:THR:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CG2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:415:THR:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:415:THR:HG1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:415:THR:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:415:THR:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:415:THR:OG1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD21	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD22	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:ND2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:OD1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CA	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CD	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:424:SER:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:424:SER:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:424:SER:HG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:424:SER:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:424:SER:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:424:SER:OG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:N	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:429:SER:C	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CA	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CB	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:429:SER:H	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:429:SER:HG	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:429:SER:N	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:429:SER:O	9	0.12
(1,6)	1:A:47:GLY:CA	2:B:429:SER:OG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:394:THR:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:394:THR:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:394:THR:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:394:THR:CG2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:394:THR:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:394:THR:HG1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:394:THR:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:394:THR:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:394:THR:OG1	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:396:LYS:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CD	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CE	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ3	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:NZ	9	0.12
(1,6)	1:A:47:GLY:H	2:B:396:LYS:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:397:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:399:MET:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:399:MET:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:399:MET:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:399:MET:CE	9	0.12
(1,6)	1:A:47:GLY:H	2:B:399:MET:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:399:MET:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:399:MET:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:399:MET:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:399:MET:SD	9	0.12
(1,6)	1:A:47:GLY:H	2:B:400:ASP:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:400:ASP:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:400:ASP:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:400:ASP:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD1	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:401:LEU:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:401:LEU:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:401:LEU:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:401:LEU:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:402:GLY:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:402:GLY:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:402:GLY:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:402:GLY:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:402:GLY:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:403:PHE:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:404:PRO:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CD	9	0.12
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:404:PRO:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:404:PRO:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CD	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CE	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ1	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ3	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:NZ	9	0.12
(1,6)	1:A:47:GLY:H	2:B:410:LYS:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:414:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:415:THR:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:415:THR:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:415:THR:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:415:THR:CG2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:415:THR:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:415:THR:HG1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:415:THR:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:415:THR:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:415:THR:OG1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:417:GLY:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:417:GLY:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:417:GLY:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:417:GLY:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:417:GLY:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD21	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD22	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:ND2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:418:ASN:OD1	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:419:ALA:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:419:ALA:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:419:ALA:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:419:ALA:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:420:GLU:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CD	9	0.12
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:420:GLU:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:420:GLU:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:420:GLU:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:421:PHE:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:423:ALA:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:423:ALA:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:423:ALA:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:423:ALA:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:424:SER:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:424:SER:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:424:SER:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:424:SER:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:424:SER:HG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:424:SER:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:424:SER:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:424:SER:OG	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:425:LEU:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:425:LEU:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:425:LEU:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:425:LEU:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:427:PHE:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:428:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:H	2:B:429:SER:C	9	0.12
(1,6)	1:A:47:GLY:H	2:B:429:SER:CA	9	0.12
(1,6)	1:A:47:GLY:H	2:B:429:SER:CB	9	0.12
(1,6)	1:A:47:GLY:H	2:B:429:SER:H	9	0.12
(1,6)	1:A:47:GLY:H	2:B:429:SER:HG	9	0.12
(1,6)	1:A:47:GLY:H	2:B:429:SER:N	9	0.12
(1,6)	1:A:47:GLY:H	2:B:429:SER:O	9	0.12
(1,6)	1:A:47:GLY:H	2:B:429:SER:OG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:394:THR:C	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:394:THR:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:394:THR:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:394:THR:CG2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:394:THR:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:394:THR:HG1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:394:THR:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:394:THR:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:394:THR:OG1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CD	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CE	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ3	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:NZ	9	0.12
(1,6)	1:A:47:GLY:N	2:B:396:LYS:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:397:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:399:MET:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:399:MET:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:399:MET:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:399:MET:CE	9	0.12
(1,6)	1:A:47:GLY:N	2:B:399:MET:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:399:MET:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:399:MET:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:399:MET:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:399:MET:SD	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:400:ASP:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:400:ASP:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:400:ASP:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:400:ASP:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:401:LEU:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:401:LEU:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:401:LEU:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:401:LEU:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:402:GLY:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:402:GLY:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:402:GLY:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:402:GLY:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:402:GLY:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:403:PHE:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:404:PRO:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CD	9	0.12
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:404:PRO:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:404:PRO:O	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:410:LYS:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CD	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CE	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ3	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:NZ	9	0.12
(1,6)	1:A:47:GLY:N	2:B:410:LYS:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:414:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:415:THR:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:415:THR:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:415:THR:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:415:THR:CG2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:415:THR:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:415:THR:HG1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:415:THR:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:415:THR:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:415:THR:OG1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:417:GLY:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:417:GLY:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:417:GLY:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:417:GLY:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:417:GLY:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:418:ASN:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CB	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:418:ASN:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD21	9	0.12
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD22	9	0.12
(1,6)	1:A:47:GLY:N	2:B:418:ASN:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:418:ASN:ND2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:418:ASN:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:418:ASN:OD1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:419:ALA:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:419:ALA:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:419:ALA:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:419:ALA:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:420:GLU:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CD	9	0.12
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:420:GLU:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:420:GLU:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:420:GLU:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:421:PHE:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:423:ALA:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:423:ALA:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:423:ALA:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:423:ALA:O	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:424:SER:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:424:SER:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:424:SER:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:424:SER:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:424:SER:HG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:424:SER:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:424:SER:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:424:SER:OG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:425:LEU:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:425:LEU:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:425:LEU:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:425:LEU:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:427:PHE:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:C	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:428:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:N	2:B:429:SER:C	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:429:SER:CA	9	0.12
(1,6)	1:A:47:GLY:N	2:B:429:SER:CB	9	0.12
(1,6)	1:A:47:GLY:N	2:B:429:SER:H	9	0.12
(1,6)	1:A:47:GLY:N	2:B:429:SER:HG	9	0.12
(1,6)	1:A:47:GLY:N	2:B:429:SER:N	9	0.12
(1,6)	1:A:47:GLY:N	2:B:429:SER:O	9	0.12
(1,6)	1:A:47:GLY:N	2:B:429:SER:OG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:394:THR:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:394:THR:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:394:THR:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:394:THR:CG2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:394:THR:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:394:THR:HG1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:394:THR:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:394:THR:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:394:THR:OG1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CD	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CE	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ3	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:NZ	9	0.12
(1,6)	1:A:47:GLY:O	2:B:396:LYS:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:397:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:399:MET:C	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:399:MET:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:399:MET:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:399:MET:CE	9	0.12
(1,6)	1:A:47:GLY:O	2:B:399:MET:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:399:MET:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:399:MET:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:399:MET:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:399:MET:SD	9	0.12
(1,6)	1:A:47:GLY:O	2:B:400:ASP:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:400:ASP:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:400:ASP:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:400:ASP:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:401:LEU:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:401:LEU:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:401:LEU:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:401:LEU:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:402:GLY:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:402:GLY:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:402:GLY:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:402:GLY:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:402:GLY:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:403:PHE:N	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:403:PHE:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:404:PRO:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CD	9	0.12
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:404:PRO:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:404:PRO:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CD	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CE	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ3	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:NZ	9	0.12
(1,6)	1:A:47:GLY:O	2:B:410:LYS:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:414:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:415:THR:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:415:THR:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:415:THR:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:415:THR:CG2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:415:THR:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:415:THR:HG1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:415:THR:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:415:THR:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:415:THR:OG1	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:417:GLY:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:417:GLY:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:417:GLY:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:417:GLY:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:417:GLY:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD21	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD22	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:ND2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:418:ASN:OD1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:419:ALA:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:419:ALA:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:419:ALA:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:419:ALA:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:420:GLU:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CD	9	0.12
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:420:GLU:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:420:GLU:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:420:GLU:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:H	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:421:PHE:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:421:PHE:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:423:ALA:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:423:ALA:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:423:ALA:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:423:ALA:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:424:SER:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:424:SER:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:424:SER:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:424:SER:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:424:SER:HG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:424:SER:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:424:SER:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:424:SER:OG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:425:LEU:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:425:LEU:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:425:LEU:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:425:LEU:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CZ	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:427:PHE:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CD	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CG	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:428:GLN:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE21	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE22	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:NE2	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:428:GLN:OE1	9	0.12
(1,6)	1:A:47:GLY:O	2:B:429:SER:C	9	0.12
(1,6)	1:A:47:GLY:O	2:B:429:SER:CA	9	0.12
(1,6)	1:A:47:GLY:O	2:B:429:SER:CB	9	0.12
(1,6)	1:A:47:GLY:O	2:B:429:SER:H	9	0.12
(1,6)	1:A:47:GLY:O	2:B:429:SER:HG	9	0.12
(1,6)	1:A:47:GLY:O	2:B:429:SER:N	9	0.12
(1,6)	1:A:47:GLY:O	2:B:429:SER:O	9	0.12
(1,6)	1:A:47:GLY:O	2:B:429:SER:OG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CG	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:397:GLN:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:CE	9	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:SD	9	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:402:GLY:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:402:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:402:GLY:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:402:GLY:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:402:GLY:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CB	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CD	9	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:C	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:415:THR:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:417:GLY:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:417:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:417:GLY:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:417:GLY:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:417:GLY:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD21	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD22	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:ND2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:OD1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CD	9	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CA	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:HG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:OG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CZ	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:427:PHE:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:C	9	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:CA	9	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:CB	9	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:H	9	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:HG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:N	9	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:O	9	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:OG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ3	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CE	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:SD	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:O	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CD	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CG	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD21	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD22	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:ND2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:OD1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CD	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:HG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:OG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:C	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:C	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CA	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CB	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:H	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:HG	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:N	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:O	9	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:OG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CA	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CE	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:SD	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:C	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CD	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ3	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD21	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD22	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:ND2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:OD1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CA	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CD	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:HG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:OG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CA	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:C	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CA	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CB	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:H	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:HG	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:N	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:O	9	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:OG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CB	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CE	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:SD	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CA	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CD	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CA	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:H	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD21	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD22	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:ND2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:OD1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CD	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CA	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:HG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:OG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:C	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CA	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CB	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:H	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:HG	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:N	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:O	9	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:OG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CB	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CE	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:SD	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:C	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CD	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:CA	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD21	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD22	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:ND2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:OD1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CD	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:O	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:HG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:OG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE21	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:C	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CA	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CB	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:H	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:HG	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:N	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:O	9	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:OG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE21	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CE	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:SD	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD2	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CD	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CB	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD21	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD22	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:ND2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:OD1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CD	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD1	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:HG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:OG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:N	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:C	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CA	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CB	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:H	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:HG	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:N	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:O	9	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:OG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:NZ	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:396:LYS:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:CE	9	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:SD	9	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:402:GLY:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:402:GLY:CA	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:402:GLY:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:402:GLY:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:402:GLY:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CD	9	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE21	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:417:GLY:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:417:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:417:GLY:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:417:GLY:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:417:GLY:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD21	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD22	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:ND2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:OD1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CD	9	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:H	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:420:GLU:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:HG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:OG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CB	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:C	9	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:CA	9	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:CB	9	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:H	9	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:HG	9	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:N	9	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:O	9	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:OG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CD	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:CE	9	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:SD	9	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CB	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:402:GLY:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:402:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:402:GLY:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:402:GLY:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:402:GLY:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CD	9	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:NZ	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:410:LYS:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:417:GLY:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:417:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:417:GLY:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:417:GLY:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:417:GLY:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD21	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD22	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:ND2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:OD1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:H	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:419:ALA:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CD	9	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:HG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:OG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD1	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:C	9	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:CA	9	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:CB	9	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:H	9	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:HG	9	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:N	9	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:O	9	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:OG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:H	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:394:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CD	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:CE	9	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:SD	9	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CG	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:400:ASP:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:402:GLY:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:402:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:402:GLY:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:402:GLY:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:402:GLY:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CD	9	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CD	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CE	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ3	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:NZ	9	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:CG2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:HG1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:OG1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:417:GLY:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:417:GLY:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:417:GLY:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:417:GLY:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:417:GLY:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD21	9	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD22	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:418:ASN:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:ND2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:OD1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CD	9	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:H	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:424:SER:HG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:OG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CZ	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CD	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CG	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE21	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE22	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:NE2	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:OE1	9	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:C	9	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:CA	9	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:CB	9	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:H	9	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:HG	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:429:SER:N	9	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:O	9	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:OG	9	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:394:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:C	2:B:396:LYS:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:397:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:CE	10	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:CG	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:399:MET:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:399:MET:SD	10	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:400:ASP:OD2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:401:LEU:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:402:GLY:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:402:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:402:GLY:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:402:GLY:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:402:GLY:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:403:PHE:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CB	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CD	10	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:404:PRO:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:C	2:B:410:LYS:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:414:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:415:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:417:GLY:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:417:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:417:GLY:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:417:GLY:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:417:GLY:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD21	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:HD22	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:ND2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:418:ASN:OD1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:419:ALA:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CD	10	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:420:GLU:OE2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:421:PHE:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CA	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:423:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:423:ALA:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:HG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:424:SER:OG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:425:LEU:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:427:PHE:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:C	2:B:428:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:428:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:C	10	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:CA	10	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:CB	10	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:H	10	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:HG	10	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:N	10	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:O	10	0.12
(1,5)	1:A:44:ILE:C	2:B:429:SER:OG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:394:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:396:LYS:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:397:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CE	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:399:MET:SD	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:400:ASP:OD2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:401:LEU:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:402:GLY:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CE2	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:403:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CD	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:404:PRO:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:410:LYS:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:414:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:H	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:415:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:415:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:417:GLY:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD21	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:HD22	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:ND2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:418:ASN:OD1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:419:ALA:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CD	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:420:GLU:OE2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE1	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:421:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:423:ALA:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:HG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:424:SER:OG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:425:LEU:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:427:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:C	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:428:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:C	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CA	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:CB	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:H	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:HG	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:N	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:O	10	0.12
(1,5)	1:A:44:ILE:CA	2:B:429:SER:OG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:394:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:396:LYS:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:C	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:397:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CE	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:399:MET:SD	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:400:ASP:OD2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:401:LEU:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:402:GLY:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:403:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CD	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:404:PRO:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:410:LYS:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:414:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:415:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:417:GLY:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD21	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:HD22	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:ND2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:418:ASN:OD1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:419:ALA:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CD	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:O	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:420:GLU:OE2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:421:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:423:ALA:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:HG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:424:SER:OG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:425:LEU:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CD2	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:427:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:428:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:C	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CA	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:CB	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:H	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:HG	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:N	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:O	10	0.12
(1,5)	1:A:44:ILE:CB	2:B:429:SER:OG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:394:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:CG	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:396:LYS:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:397:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CE	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:399:MET:SD	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:400:ASP:OD2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CD2	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:401:LEU:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:402:GLY:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:403:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CD	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:404:PRO:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:410:LYS:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:C	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:414:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:415:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:417:GLY:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD21	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:HD22	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:ND2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:418:ASN:OD1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:419:ALA:O	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CD	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:420:GLU:OE2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:421:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:423:ALA:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:HG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:424:SER:OG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:CG	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:425:LEU:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:427:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:428:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:C	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CA	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:CB	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:H	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:HG	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:N	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:O	10	0.12
(1,5)	1:A:44:ILE:CD1	2:B:429:SER:OG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:394:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:396:LYS:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:397:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CE	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:399:MET:SD	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:400:ASP:OD2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:401:LEU:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:402:GLY:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:403:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CD	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:404:PRO:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:CG	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:410:LYS:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:414:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:415:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:417:GLY:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD21	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:HD22	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:ND2	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:418:ASN:OD1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:419:ALA:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CD	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:420:GLU:OE2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:421:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:423:ALA:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:HG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:424:SER:OG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:425:LEU:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:427:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:428:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:C	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CA	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:CB	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:H	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:HG	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:N	10	0.12
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:O	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG1	2:B:429:SER:OG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:394:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:396:LYS:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:397:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CE	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:399:MET:SD	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:400:ASP:OD2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:401:LEU:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:402:GLY:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:403:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CD	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:CG	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:404:PRO:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:410:LYS:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:414:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:415:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:417:GLY:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:C	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD21	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:HD22	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:ND2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:418:ASN:OD1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:419:ALA:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CD	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:420:GLU:OE2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:421:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:H	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:423:ALA:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:HG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:424:SER:OG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:425:LEU:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:427:PHE:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:O	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:CG2	2:B:428:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:C	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CA	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:CB	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:H	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:HG	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:N	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:O	10	0.12
(1,5)	1:A:44:ILE:CG2	2:B:429:SER:OG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:394:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:H	2:B:396:LYS:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:397:GLN:O	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:397:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:CE	10	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:399:MET:SD	10	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:400:ASP:OD2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:401:LEU:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:402:GLY:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:402:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:402:GLY:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:402:GLY:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:402:GLY:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:CZ	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:403:PHE:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:403:PHE:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CD	10	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:404:PRO:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:H	2:B:410:LYS:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:414:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:415:THR:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:415:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:417:GLY:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:417:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:417:GLY:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:417:GLY:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:417:GLY:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD21	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:HD22	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:ND2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:418:ASN:OD1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:419:ALA:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CD	10	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:420:GLU:OE2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CG	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:421:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:421:PHE:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:423:ALA:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:HG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:424:SER:OG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:425:LEU:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:427:PHE:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CB	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:428:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:C	10	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:CA	10	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:CB	10	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:H	10	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:HG	10	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:N	10	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:O	10	0.12
(1,5)	1:A:44:ILE:H	2:B:429:SER:OG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:394:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:N	2:B:396:LYS:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CB	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:397:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:CE	10	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:399:MET:SD	10	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:400:ASP:OD2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:401:LEU:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:402:GLY:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:402:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:402:GLY:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:402:GLY:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:402:GLY:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:C	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:403:PHE:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CD	10	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:404:PRO:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:N	2:B:410:LYS:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:414:GLN:O	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:414:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:415:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:417:GLY:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:417:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:417:GLY:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:417:GLY:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:417:GLY:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD21	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:HD22	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:ND2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:418:ASN:OD1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:419:ALA:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CD	10	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:420:GLU:OE2	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:421:PHE:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:421:PHE:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:423:ALA:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:HG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:424:SER:OG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:425:LEU:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CE2	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:427:PHE:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:428:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:C	10	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:CA	10	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:CB	10	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:H	10	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:HG	10	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:N	10	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:O	10	0.12
(1,5)	1:A:44:ILE:N	2:B:429:SER:OG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:394:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ1	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:O	2:B:396:LYS:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:397:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:CE	10	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:399:MET:SD	10	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:400:ASP:OD2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:H	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:401:LEU:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:401:LEU:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:402:GLY:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:402:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:402:GLY:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:402:GLY:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:402:GLY:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:403:PHE:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CD	10	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:404:PRO:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CD	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CE	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:HZ3	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:NZ	10	0.12
(1,5)	1:A:44:ILE:O	2:B:410:LYS:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CB	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:414:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:CG2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:HG1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:415:THR:OG1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:417:GLY:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:417:GLY:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:417:GLY:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:417:GLY:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:417:GLY:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD21	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:HD22	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:ND2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:418:ASN:OD1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:419:ALA:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CA	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CD	10	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:420:GLU:OE2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:421:PHE:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:423:ALA:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:HG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:424:SER:OG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CD2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:425:LEU:N	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5)	1:A:44:ILE:O	2:B:425:LEU:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CD2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CE2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:CZ	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:427:PHE:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CD	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:CG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE21	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:HE22	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:NE2	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:428:GLN:OE1	10	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:C	10	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:CA	10	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:CB	10	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:H	10	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:HG	10	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:N	10	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:O	10	0.12
(1,5)	1:A:44:ILE:O	2:B:429:SER:OG	10	0.12
(1,6)	1:A:47:GLY:C	2:B:394:THR:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:394:THR:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:394:THR:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:394:THR:CG2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:394:THR:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:394:THR:HG1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:394:THR:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:394:THR:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:394:THR:OG1	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:396:LYS:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CD	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CE	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:HZ3	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:NZ	3	0.11
(1,6)	1:A:47:GLY:C	2:B:396:LYS:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:397:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:399:MET:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:399:MET:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:399:MET:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:399:MET:CE	3	0.11
(1,6)	1:A:47:GLY:C	2:B:399:MET:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:399:MET:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:399:MET:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:399:MET:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:399:MET:SD	3	0.11
(1,6)	1:A:47:GLY:C	2:B:400:ASP:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:400:ASP:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:400:ASP:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:400:ASP:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:400:ASP:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD1	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:400:ASP:OD2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:401:LEU:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CD2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:401:LEU:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:401:LEU:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:401:LEU:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:401:LEU:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:402:GLY:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:402:GLY:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:402:GLY:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:402:GLY:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:402:GLY:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:403:PHE:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:404:PRO:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CD	3	0.11
(1,6)	1:A:47:GLY:C	2:B:404:PRO:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:404:PRO:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:404:PRO:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CD	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CE	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ1	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:HZ3	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:NZ	3	0.11
(1,6)	1:A:47:GLY:C	2:B:410:LYS:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:414:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:415:THR:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:415:THR:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:415:THR:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:415:THR:CG2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:415:THR:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:415:THR:HG1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:415:THR:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:415:THR:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:415:THR:OG1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:417:GLY:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:417:GLY:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:417:GLY:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:417:GLY:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:417:GLY:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD21	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:HD22	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:ND2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:418:ASN:OD1	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:419:ALA:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:419:ALA:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:419:ALA:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:419:ALA:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:419:ALA:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:420:GLU:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CD	3	0.11
(1,6)	1:A:47:GLY:C	2:B:420:GLU:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:420:GLU:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:420:GLU:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:420:GLU:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:420:GLU:OE2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:421:PHE:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:423:ALA:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:423:ALA:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:423:ALA:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:423:ALA:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:423:ALA:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:424:SER:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:424:SER:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:424:SER:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:424:SER:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:424:SER:HG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:424:SER:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:424:SER:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:424:SER:OG	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:C	2:B:425:LEU:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CD2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:425:LEU:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:425:LEU:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:425:LEU:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:425:LEU:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:427:PHE:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:428:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:C	2:B:429:SER:C	3	0.11
(1,6)	1:A:47:GLY:C	2:B:429:SER:CA	3	0.11
(1,6)	1:A:47:GLY:C	2:B:429:SER:CB	3	0.11
(1,6)	1:A:47:GLY:C	2:B:429:SER:H	3	0.11
(1,6)	1:A:47:GLY:C	2:B:429:SER:HG	3	0.11
(1,6)	1:A:47:GLY:C	2:B:429:SER:N	3	0.11
(1,6)	1:A:47:GLY:C	2:B:429:SER:O	3	0.11
(1,6)	1:A:47:GLY:C	2:B:429:SER:OG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:394:THR:C	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:394:THR:CG2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:394:THR:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:394:THR:HG1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:394:THR:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:394:THR:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:394:THR:OG1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CD	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CE	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:HZ3	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:NZ	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:396:LYS:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:397:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:399:MET:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CE	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:399:MET:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:399:MET:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:399:MET:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:399:MET:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:399:MET:SD	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:400:ASP:OD2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CD2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:401:LEU:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:402:GLY:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:403:PHE:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CD	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:404:PRO:O	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CD	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CE	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:HZ3	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:NZ	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:410:LYS:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:414:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:415:THR:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:415:THR:CG2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:415:THR:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:415:THR:HG1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:415:THR:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:415:THR:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:415:THR:OG1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:417:GLY:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CB	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD21	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:HD22	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:ND2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:418:ASN:OD1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:419:ALA:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CD	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:420:GLU:OE2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:421:PHE:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:423:ALA:O	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:424:SER:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:424:SER:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:424:SER:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:424:SER:HG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:424:SER:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:424:SER:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:424:SER:OG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CD2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:425:LEU:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:427:PHE:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:C	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:428:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:429:SER:C	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CA	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:429:SER:CB	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:429:SER:H	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:429:SER:HG	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:429:SER:N	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:429:SER:O	3	0.11
(1,6)	1:A:47:GLY:CA	2:B:429:SER:OG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:394:THR:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:394:THR:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:394:THR:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:394:THR:CG2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:394:THR:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:394:THR:HG1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:394:THR:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:394:THR:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:394:THR:OG1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CD	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CE	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:HZ3	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:NZ	3	0.11
(1,6)	1:A:47:GLY:H	2:B:396:LYS:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:397:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:399:MET:C	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:399:MET:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:399:MET:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:399:MET:CE	3	0.11
(1,6)	1:A:47:GLY:H	2:B:399:MET:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:399:MET:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:399:MET:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:399:MET:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:399:MET:SD	3	0.11
(1,6)	1:A:47:GLY:H	2:B:400:ASP:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:400:ASP:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:400:ASP:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:400:ASP:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:400:ASP:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:400:ASP:OD2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:401:LEU:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CD2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:401:LEU:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:401:LEU:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:401:LEU:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:401:LEU:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:402:GLY:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:402:GLY:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:402:GLY:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:402:GLY:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:402:GLY:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:403:PHE:N	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:403:PHE:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:404:PRO:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CD	3	0.11
(1,6)	1:A:47:GLY:H	2:B:404:PRO:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:404:PRO:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:404:PRO:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CD	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CE	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:HZ3	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:NZ	3	0.11
(1,6)	1:A:47:GLY:H	2:B:410:LYS:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:414:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:415:THR:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:415:THR:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:415:THR:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:415:THR:CG2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:415:THR:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:415:THR:HG1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:415:THR:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:415:THR:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:415:THR:OG1	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:417:GLY:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:417:GLY:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:417:GLY:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:417:GLY:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:417:GLY:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD21	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:HD22	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:ND2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:418:ASN:OD1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:419:ALA:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:419:ALA:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:419:ALA:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:419:ALA:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:419:ALA:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:420:GLU:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CD	3	0.11
(1,6)	1:A:47:GLY:H	2:B:420:GLU:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:420:GLU:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:420:GLU:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:420:GLU:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:420:GLU:OE2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:H	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:421:PHE:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:421:PHE:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:423:ALA:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:423:ALA:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:423:ALA:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:423:ALA:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:423:ALA:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:424:SER:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:424:SER:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:424:SER:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:424:SER:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:424:SER:HG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:424:SER:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:424:SER:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:424:SER:OG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:425:LEU:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CD2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:425:LEU:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:425:LEU:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:425:LEU:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:425:LEU:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:427:PHE:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:CG	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:H	2:B:428:GLN:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:428:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:H	2:B:429:SER:C	3	0.11
(1,6)	1:A:47:GLY:H	2:B:429:SER:CA	3	0.11
(1,6)	1:A:47:GLY:H	2:B:429:SER:CB	3	0.11
(1,6)	1:A:47:GLY:H	2:B:429:SER:H	3	0.11
(1,6)	1:A:47:GLY:H	2:B:429:SER:HG	3	0.11
(1,6)	1:A:47:GLY:H	2:B:429:SER:N	3	0.11
(1,6)	1:A:47:GLY:H	2:B:429:SER:O	3	0.11
(1,6)	1:A:47:GLY:H	2:B:429:SER:OG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:394:THR:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:394:THR:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:394:THR:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:394:THR:CG2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:394:THR:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:394:THR:HG1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:394:THR:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:394:THR:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:394:THR:OG1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CD	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CE	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:HZ3	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:NZ	3	0.11
(1,6)	1:A:47:GLY:N	2:B:396:LYS:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:CG	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:397:GLN:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:397:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:399:MET:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:399:MET:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:399:MET:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:399:MET:CE	3	0.11
(1,6)	1:A:47:GLY:N	2:B:399:MET:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:399:MET:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:399:MET:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:399:MET:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:399:MET:SD	3	0.11
(1,6)	1:A:47:GLY:N	2:B:400:ASP:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:400:ASP:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:400:ASP:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:400:ASP:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:400:ASP:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:400:ASP:OD2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:401:LEU:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CD2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:401:LEU:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:401:LEU:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:401:LEU:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:401:LEU:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:402:GLY:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:402:GLY:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:402:GLY:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:402:GLY:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:402:GLY:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CB	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:403:PHE:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:404:PRO:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CD	3	0.11
(1,6)	1:A:47:GLY:N	2:B:404:PRO:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:404:PRO:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:404:PRO:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CD	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CE	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:HZ3	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:NZ	3	0.11
(1,6)	1:A:47:GLY:N	2:B:410:LYS:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:414:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:415:THR:C	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:415:THR:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:415:THR:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:415:THR:CG2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:415:THR:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:415:THR:HG1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:415:THR:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:415:THR:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:415:THR:OG1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:417:GLY:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:417:GLY:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:417:GLY:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:417:GLY:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:417:GLY:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD21	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:HD22	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:ND2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:418:ASN:OD1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:419:ALA:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:419:ALA:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:419:ALA:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:419:ALA:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:419:ALA:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:420:GLU:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CD	3	0.11
(1,6)	1:A:47:GLY:N	2:B:420:GLU:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:420:GLU:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:420:GLU:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:420:GLU:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:420:GLU:OE2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CA	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:421:PHE:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:423:ALA:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:423:ALA:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:423:ALA:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:423:ALA:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:423:ALA:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:424:SER:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:424:SER:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:424:SER:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:424:SER:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:424:SER:HG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:424:SER:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:424:SER:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:424:SER:OG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:425:LEU:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CD2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:425:LEU:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:425:LEU:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:425:LEU:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:425:LEU:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:CZ	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:N	2:B:427:PHE:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:427:PHE:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:428:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:N	2:B:429:SER:C	3	0.11
(1,6)	1:A:47:GLY:N	2:B:429:SER:CA	3	0.11
(1,6)	1:A:47:GLY:N	2:B:429:SER:CB	3	0.11
(1,6)	1:A:47:GLY:N	2:B:429:SER:H	3	0.11
(1,6)	1:A:47:GLY:N	2:B:429:SER:HG	3	0.11
(1,6)	1:A:47:GLY:N	2:B:429:SER:N	3	0.11
(1,6)	1:A:47:GLY:N	2:B:429:SER:O	3	0.11
(1,6)	1:A:47:GLY:N	2:B:429:SER:OG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:394:THR:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:394:THR:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:394:THR:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:394:THR:CG2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:394:THR:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:394:THR:HG1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:394:THR:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:394:THR:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:394:THR:OG1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CD	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CE	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:HZ3	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:396:LYS:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:NZ	3	0.11
(1,6)	1:A:47:GLY:O	2:B:396:LYS:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:397:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:399:MET:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:399:MET:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:399:MET:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:399:MET:CE	3	0.11
(1,6)	1:A:47:GLY:O	2:B:399:MET:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:399:MET:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:399:MET:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:399:MET:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:399:MET:SD	3	0.11
(1,6)	1:A:47:GLY:O	2:B:400:ASP:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:400:ASP:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:400:ASP:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:400:ASP:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:400:ASP:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:400:ASP:OD2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:401:LEU:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CD2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:401:LEU:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:401:LEU:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:401:LEU:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:401:LEU:O	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:402:GLY:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:402:GLY:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:402:GLY:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:402:GLY:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:402:GLY:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:403:PHE:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:404:PRO:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CD	3	0.11
(1,6)	1:A:47:GLY:O	2:B:404:PRO:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:404:PRO:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:404:PRO:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CD	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CE	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:HZ3	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:NZ	3	0.11
(1,6)	1:A:47:GLY:O	2:B:410:LYS:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:CG	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:414:GLN:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:414:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:415:THR:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:415:THR:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:415:THR:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:415:THR:CG2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:415:THR:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:415:THR:HG1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:415:THR:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:415:THR:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:415:THR:OG1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:417:GLY:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:417:GLY:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:417:GLY:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:417:GLY:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:417:GLY:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD21	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:HD22	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:ND2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:418:ASN:OD1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:419:ALA:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:419:ALA:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:419:ALA:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:419:ALA:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:419:ALA:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:420:GLU:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CD	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:420:GLU:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:420:GLU:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:420:GLU:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:420:GLU:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:420:GLU:OE2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:421:PHE:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:423:ALA:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:423:ALA:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:423:ALA:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:423:ALA:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:423:ALA:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:424:SER:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:424:SER:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:424:SER:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:424:SER:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:424:SER:HG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:424:SER:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:424:SER:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:424:SER:OG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:425:LEU:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CD2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:425:LEU:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:425:LEU:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:425:LEU:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:425:LEU:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:C	3	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CD2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CE2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:CZ	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:427:PHE:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CD	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:CG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE21	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:HE22	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:NE2	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:428:GLN:OE1	3	0.11
(1,6)	1:A:47:GLY:O	2:B:429:SER:C	3	0.11
(1,6)	1:A:47:GLY:O	2:B:429:SER:CA	3	0.11
(1,6)	1:A:47:GLY:O	2:B:429:SER:CB	3	0.11
(1,6)	1:A:47:GLY:O	2:B:429:SER:H	3	0.11
(1,6)	1:A:47:GLY:O	2:B:429:SER:HG	3	0.11
(1,6)	1:A:47:GLY:O	2:B:429:SER:N	3	0.11
(1,6)	1:A:47:GLY:O	2:B:429:SER:O	3	0.11
(1,6)	1:A:47:GLY:O	2:B:429:SER:OG	3	0.11
(1,3)	1:A:10:GLY:C	2:B:394:THR:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:394:THR:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:394:THR:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:394:THR:CG2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:394:THR:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:394:THR:HG1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:394:THR:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:394:THR:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:394:THR:OG1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CA	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CD	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CE	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:HZ3	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:NZ	7	0.11
(1,3)	1:A:10:GLY:C	2:B:396:LYS:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:397:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:399:MET:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:399:MET:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:399:MET:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:399:MET:CE	7	0.11
(1,3)	1:A:10:GLY:C	2:B:399:MET:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:399:MET:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:399:MET:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:399:MET:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:399:MET:SD	7	0.11
(1,3)	1:A:10:GLY:C	2:B:400:ASP:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:400:ASP:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:400:ASP:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:400:ASP:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:400:ASP:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:400:ASP:OD2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:401:LEU:C	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CD2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:401:LEU:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:401:LEU:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:401:LEU:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:401:LEU:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:402:GLY:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:402:GLY:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:402:GLY:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:402:GLY:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:402:GLY:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:403:PHE:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:404:PRO:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CD	7	0.11
(1,3)	1:A:10:GLY:C	2:B:404:PRO:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:404:PRO:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:404:PRO:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CD	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CE	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:HZ3	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:410:LYS:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:NZ	7	0.11
(1,3)	1:A:10:GLY:C	2:B:410:LYS:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:414:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:415:THR:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:415:THR:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:415:THR:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:415:THR:CG2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:415:THR:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:415:THR:HG1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:415:THR:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:415:THR:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:415:THR:OG1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:417:GLY:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:417:GLY:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:417:GLY:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:417:GLY:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:417:GLY:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD21	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:HD22	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:ND2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:418:ASN:OD1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:419:ALA:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CA	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:419:ALA:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:419:ALA:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:419:ALA:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:419:ALA:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:420:GLU:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CD	7	0.11
(1,3)	1:A:10:GLY:C	2:B:420:GLU:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:420:GLU:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:420:GLU:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:420:GLU:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:420:GLU:OE2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:421:PHE:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:423:ALA:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:423:ALA:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:423:ALA:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:423:ALA:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:423:ALA:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:424:SER:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:424:SER:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:424:SER:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:424:SER:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:424:SER:HG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:424:SER:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:424:SER:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:424:SER:OG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:425:LEU:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CA	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CD2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:425:LEU:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:425:LEU:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:425:LEU:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:425:LEU:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:427:PHE:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:428:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:C	2:B:429:SER:C	7	0.11
(1,3)	1:A:10:GLY:C	2:B:429:SER:CA	7	0.11
(1,3)	1:A:10:GLY:C	2:B:429:SER:CB	7	0.11
(1,3)	1:A:10:GLY:C	2:B:429:SER:H	7	0.11
(1,3)	1:A:10:GLY:C	2:B:429:SER:HG	7	0.11
(1,3)	1:A:10:GLY:C	2:B:429:SER:N	7	0.11
(1,3)	1:A:10:GLY:C	2:B:429:SER:O	7	0.11
(1,3)	1:A:10:GLY:C	2:B:429:SER:OG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:394:THR:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CB	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:394:THR:CG2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:394:THR:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:394:THR:HG1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:394:THR:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:394:THR:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:394:THR:OG1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CD	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CE	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:HZ3	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:NZ	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:396:LYS:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:397:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:399:MET:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CE	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:399:MET:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:399:MET:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:399:MET:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:399:MET:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:399:MET:SD	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CA	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:400:ASP:OD2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CD2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:401:LEU:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:402:GLY:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:403:PHE:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CD	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:404:PRO:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CA	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CD	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CE	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:HZ3	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:NZ	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:410:LYS:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:414:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:415:THR:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:415:THR:CG2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:415:THR:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:415:THR:HG1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:415:THR:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:415:THR:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:415:THR:OG1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:417:GLY:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:H	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD21	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:HD22	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:ND2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:418:ASN:OD1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:419:ALA:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CD	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:420:GLU:OE2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:421:PHE:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:423:ALA:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:424:SER:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CA	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:424:SER:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:424:SER:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:424:SER:HG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:424:SER:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:424:SER:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:424:SER:OG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CD2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:425:LEU:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:427:PHE:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:428:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:429:SER:C	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CA	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:429:SER:CB	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:CA	2:B:429:SER:H	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:429:SER:HG	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:429:SER:N	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:429:SER:O	7	0.11
(1,3)	1:A:10:GLY:CA	2:B:429:SER:OG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:394:THR:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:394:THR:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:394:THR:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:394:THR:CG2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:394:THR:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:394:THR:HG1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:394:THR:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:394:THR:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:394:THR:OG1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CD	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CE	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:HZ3	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:NZ	7	0.11
(1,3)	1:A:10:GLY:H	2:B:396:LYS:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:397:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:399:MET:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:399:MET:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:399:MET:CB	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:399:MET:CE	7	0.11
(1,3)	1:A:10:GLY:H	2:B:399:MET:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:399:MET:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:399:MET:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:399:MET:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:399:MET:SD	7	0.11
(1,3)	1:A:10:GLY:H	2:B:400:ASP:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:400:ASP:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:400:ASP:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:400:ASP:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:400:ASP:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:400:ASP:OD2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:401:LEU:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CD2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:401:LEU:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:401:LEU:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:401:LEU:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:401:LEU:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:402:GLY:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:402:GLY:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:402:GLY:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:402:GLY:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:402:GLY:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:403:PHE:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:404:PRO:C	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CD	7	0.11
(1,3)	1:A:10:GLY:H	2:B:404:PRO:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:404:PRO:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:404:PRO:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CD	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CE	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:HZ3	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:NZ	7	0.11
(1,3)	1:A:10:GLY:H	2:B:410:LYS:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:414:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:415:THR:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:415:THR:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:415:THR:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:415:THR:CG2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:415:THR:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:415:THR:HG1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:415:THR:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:415:THR:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:415:THR:OG1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:417:GLY:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:417:GLY:CA	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:417:GLY:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:417:GLY:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:417:GLY:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD21	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:HD22	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:ND2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:418:ASN:OD1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:419:ALA:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:419:ALA:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:419:ALA:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:419:ALA:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:419:ALA:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:420:GLU:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CD	7	0.11
(1,3)	1:A:10:GLY:H	2:B:420:GLU:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:420:GLU:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:420:GLU:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:420:GLU:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:420:GLU:OE2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:421:PHE:O	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:423:ALA:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:423:ALA:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:423:ALA:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:423:ALA:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:423:ALA:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:424:SER:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:424:SER:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:424:SER:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:424:SER:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:424:SER:HG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:424:SER:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:424:SER:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:424:SER:OG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:425:LEU:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CD2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:425:LEU:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:425:LEU:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:425:LEU:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:425:LEU:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:427:PHE:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE21	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:H	2:B:428:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:428:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:H	2:B:429:SER:C	7	0.11
(1,3)	1:A:10:GLY:H	2:B:429:SER:CA	7	0.11
(1,3)	1:A:10:GLY:H	2:B:429:SER:CB	7	0.11
(1,3)	1:A:10:GLY:H	2:B:429:SER:H	7	0.11
(1,3)	1:A:10:GLY:H	2:B:429:SER:HG	7	0.11
(1,3)	1:A:10:GLY:H	2:B:429:SER:N	7	0.11
(1,3)	1:A:10:GLY:H	2:B:429:SER:O	7	0.11
(1,3)	1:A:10:GLY:H	2:B:429:SER:OG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:394:THR:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:394:THR:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:394:THR:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:394:THR:CG2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:394:THR:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:394:THR:HG1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:394:THR:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:394:THR:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:394:THR:OG1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CD	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CE	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:HZ3	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:NZ	7	0.11
(1,3)	1:A:10:GLY:N	2:B:396:LYS:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE21	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:397:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:397:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:399:MET:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:399:MET:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:399:MET:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:399:MET:CE	7	0.11
(1,3)	1:A:10:GLY:N	2:B:399:MET:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:399:MET:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:399:MET:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:399:MET:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:399:MET:SD	7	0.11
(1,3)	1:A:10:GLY:N	2:B:400:ASP:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:400:ASP:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:400:ASP:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:400:ASP:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:400:ASP:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:400:ASP:OD2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:401:LEU:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CD2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:401:LEU:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:401:LEU:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:401:LEU:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:401:LEU:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:402:GLY:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:402:GLY:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:402:GLY:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:402:GLY:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:402:GLY:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CD2	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:403:PHE:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:404:PRO:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CD	7	0.11
(1,3)	1:A:10:GLY:N	2:B:404:PRO:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:404:PRO:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:404:PRO:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CD	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CE	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:HZ3	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:NZ	7	0.11
(1,3)	1:A:10:GLY:N	2:B:410:LYS:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:414:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:415:THR:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:415:THR:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:415:THR:CB	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:415:THR:CG2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:415:THR:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:415:THR:HG1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:415:THR:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:415:THR:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:415:THR:OG1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:417:GLY:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:417:GLY:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:417:GLY:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:417:GLY:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:417:GLY:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD21	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:HD22	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:ND2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:418:ASN:OD1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:419:ALA:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:419:ALA:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:419:ALA:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:419:ALA:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:419:ALA:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:420:GLU:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CD	7	0.11
(1,3)	1:A:10:GLY:N	2:B:420:GLU:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:420:GLU:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:420:GLU:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:420:GLU:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:420:GLU:OE2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD1	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:421:PHE:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:423:ALA:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:423:ALA:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:423:ALA:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:423:ALA:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:423:ALA:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:424:SER:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:424:SER:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:424:SER:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:424:SER:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:424:SER:HG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:424:SER:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:424:SER:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:424:SER:OG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:425:LEU:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CD2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:425:LEU:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:425:LEU:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:425:LEU:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:425:LEU:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:427:PHE:N	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:N	2:B:427:PHE:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:428:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:N	2:B:429:SER:C	7	0.11
(1,3)	1:A:10:GLY:N	2:B:429:SER:CA	7	0.11
(1,3)	1:A:10:GLY:N	2:B:429:SER:CB	7	0.11
(1,3)	1:A:10:GLY:N	2:B:429:SER:H	7	0.11
(1,3)	1:A:10:GLY:N	2:B:429:SER:HG	7	0.11
(1,3)	1:A:10:GLY:N	2:B:429:SER:N	7	0.11
(1,3)	1:A:10:GLY:N	2:B:429:SER:O	7	0.11
(1,3)	1:A:10:GLY:N	2:B:429:SER:OG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:394:THR:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:394:THR:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:394:THR:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:394:THR:CG2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:394:THR:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:394:THR:HG1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:394:THR:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:394:THR:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:394:THR:OG1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CD	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CE	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:HZ3	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:396:LYS:NZ	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:396:LYS:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:397:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:399:MET:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:399:MET:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:399:MET:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:399:MET:CE	7	0.11
(1,3)	1:A:10:GLY:O	2:B:399:MET:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:399:MET:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:399:MET:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:399:MET:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:399:MET:SD	7	0.11
(1,3)	1:A:10:GLY:O	2:B:400:ASP:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:400:ASP:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:400:ASP:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:400:ASP:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:400:ASP:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:400:ASP:OD2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:401:LEU:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CD2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:401:LEU:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:401:LEU:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:401:LEU:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:401:LEU:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:402:GLY:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:402:GLY:CA	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:402:GLY:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:402:GLY:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:402:GLY:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:403:PHE:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:404:PRO:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CD	7	0.11
(1,3)	1:A:10:GLY:O	2:B:404:PRO:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:404:PRO:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:404:PRO:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CD	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CE	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:HZ3	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:NZ	7	0.11
(1,3)	1:A:10:GLY:O	2:B:410:LYS:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE21	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:414:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:414:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:415:THR:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:415:THR:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:415:THR:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:415:THR:CG2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:415:THR:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:415:THR:HG1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:415:THR:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:415:THR:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:415:THR:OG1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:417:GLY:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:417:GLY:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:417:GLY:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:417:GLY:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:417:GLY:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD21	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:HD22	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:ND2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:418:ASN:OD1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:419:ALA:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:419:ALA:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:419:ALA:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:419:ALA:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:419:ALA:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:420:GLU:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CD	7	0.11
(1,3)	1:A:10:GLY:O	2:B:420:GLU:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:420:GLU:H	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:420:GLU:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:420:GLU:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:420:GLU:OE2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:421:PHE:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:423:ALA:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:423:ALA:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:423:ALA:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:423:ALA:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:423:ALA:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:424:SER:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:424:SER:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:424:SER:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:424:SER:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:424:SER:HG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:424:SER:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:424:SER:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:424:SER:OG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:425:LEU:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CD2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:425:LEU:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:425:LEU:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:425:LEU:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:425:LEU:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CB	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CD2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CE2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:CZ	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:427:PHE:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CD	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:CG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE21	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:HE22	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:NE2	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:428:GLN:OE1	7	0.11
(1,3)	1:A:10:GLY:O	2:B:429:SER:C	7	0.11
(1,3)	1:A:10:GLY:O	2:B:429:SER:CA	7	0.11
(1,3)	1:A:10:GLY:O	2:B:429:SER:CB	7	0.11
(1,3)	1:A:10:GLY:O	2:B:429:SER:H	7	0.11
(1,3)	1:A:10:GLY:O	2:B:429:SER:HG	7	0.11
(1,3)	1:A:10:GLY:O	2:B:429:SER:N	7	0.11
(1,3)	1:A:10:GLY:O	2:B:429:SER:O	7	0.11
(1,3)	1:A:10:GLY:O	2:B:429:SER:OG	7	0.11
(1,11)	1:A:71:LEU:C	2:B:394:THR:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:394:THR:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:394:THR:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:394:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:394:THR:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:394:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:394:THR:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:394:THR:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:394:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CD	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:C	2:B:396:LYS:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:397:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:399:MET:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:399:MET:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:399:MET:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:399:MET:CE	10	0.11
(1,11)	1:A:71:LEU:C	2:B:399:MET:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:399:MET:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:399:MET:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:399:MET:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:399:MET:SD	10	0.11
(1,11)	1:A:71:LEU:C	2:B:400:ASP:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:400:ASP:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:400:ASP:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:400:ASP:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:400:ASP:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:400:ASP:OD2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:401:LEU:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CB	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:401:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:401:LEU:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:401:LEU:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:401:LEU:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:402:GLY:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:402:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:402:GLY:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:402:GLY:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:402:GLY:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:403:PHE:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:404:PRO:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CD	10	0.11
(1,11)	1:A:71:LEU:C	2:B:404:PRO:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:404:PRO:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:404:PRO:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:410:LYS:NZ	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:410:LYS:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:414:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:415:THR:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:415:THR:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:415:THR:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:415:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:415:THR:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:415:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:415:THR:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:415:THR:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:415:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:417:GLY:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:417:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:417:GLY:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:417:GLY:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:417:GLY:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD21	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:HD22	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:ND2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:418:ASN:OD1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:419:ALA:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:419:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:419:ALA:H	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:419:ALA:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:419:ALA:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:420:GLU:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CD	10	0.11
(1,11)	1:A:71:LEU:C	2:B:420:GLU:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:420:GLU:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:420:GLU:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:420:GLU:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:420:GLU:OE2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:421:PHE:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:423:ALA:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:423:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:423:ALA:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:423:ALA:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:423:ALA:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:424:SER:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:424:SER:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:424:SER:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:424:SER:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:424:SER:HG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:424:SER:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:424:SER:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:424:SER:OG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:425:LEU:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD1	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:425:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:425:LEU:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:425:LEU:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:425:LEU:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:427:PHE:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:428:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:C	2:B:429:SER:C	10	0.11
(1,11)	1:A:71:LEU:C	2:B:429:SER:CA	10	0.11
(1,11)	1:A:71:LEU:C	2:B:429:SER:CB	10	0.11
(1,11)	1:A:71:LEU:C	2:B:429:SER:H	10	0.11
(1,11)	1:A:71:LEU:C	2:B:429:SER:HG	10	0.11
(1,11)	1:A:71:LEU:C	2:B:429:SER:N	10	0.11
(1,11)	1:A:71:LEU:C	2:B:429:SER:O	10	0.11
(1,11)	1:A:71:LEU:C	2:B:429:SER:OG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:394:THR:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:394:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:394:THR:H	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:394:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:394:THR:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:394:THR:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:394:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:396:LYS:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:397:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:399:MET:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CE	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:399:MET:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:399:MET:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:399:MET:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:399:MET:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:399:MET:SD	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:CG	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:400:ASP:OD2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:401:LEU:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:402:GLY:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:403:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CD	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:404:PRO:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CD	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:410:LYS:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:414:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:415:THR:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:415:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:415:THR:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:415:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:415:THR:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:415:THR:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:415:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:417:GLY:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD21	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:HD22	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:ND2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:418:ASN:OD1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:419:ALA:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CD	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:420:GLU:OE2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:421:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:423:ALA:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:424:SER:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:424:SER:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:424:SER:H	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:424:SER:HG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:424:SER:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:424:SER:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:424:SER:OG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:425:LEU:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:427:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:428:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:429:SER:C	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CA	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:429:SER:CB	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:429:SER:H	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:429:SER:HG	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CA	2:B:429:SER:N	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:429:SER:O	10	0.11
(1,11)	1:A:71:LEU:CA	2:B:429:SER:OG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:394:THR:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:394:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:394:THR:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:394:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:394:THR:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:394:THR:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:394:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:396:LYS:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:397:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:399:MET:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CE	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:399:MET:CG	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:399:MET:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:399:MET:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:399:MET:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:399:MET:SD	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:400:ASP:OD2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:401:LEU:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:402:GLY:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:403:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CB	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CD	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:404:PRO:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:410:LYS:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:414:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:415:THR:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:415:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:415:THR:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:415:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:415:THR:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:415:THR:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:415:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:N	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:417:GLY:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD21	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:HD22	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:ND2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:418:ASN:OD1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:419:ALA:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CD	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:420:GLU:OE2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:421:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CA	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:423:ALA:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:424:SER:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:424:SER:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:424:SER:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:424:SER:HG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:424:SER:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:424:SER:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:424:SER:OG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:425:LEU:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:427:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:N	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:428:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:429:SER:C	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CA	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:429:SER:CB	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:429:SER:H	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:429:SER:HG	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:429:SER:N	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:429:SER:O	10	0.11
(1,11)	1:A:71:LEU:CB	2:B:429:SER:OG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:394:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:396:LYS:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:N	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:397:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CE	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:399:MET:SD	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:400:ASP:OD2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:401:LEU:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:402:GLY:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CE2	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:403:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CD	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:404:PRO:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:410:LYS:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:414:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:H	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:415:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:417:GLY:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD21	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:HD22	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:ND2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:418:ASN:OD1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:419:ALA:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CD	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:420:GLU:OE2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE1	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:421:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:423:ALA:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:HG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:424:SER:OG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:425:LEU:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:427:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:C	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:428:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:C	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CA	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:CB	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:H	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:HG	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:N	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:O	10	0.11
(1,11)	1:A:71:LEU:CD1	2:B:429:SER:OG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:394:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:396:LYS:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:C	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:397:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CE	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:399:MET:SD	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:400:ASP:OD2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:401:LEU:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:N	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:402:GLY:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:403:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CD	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:404:PRO:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:410:LYS:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:N	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:414:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:415:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:417:GLY:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD21	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:HD22	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:ND2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:418:ASN:OD1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:419:ALA:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CD	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:O	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:420:GLU:OE2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:421:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:423:ALA:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:HG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:424:SER:OG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:425:LEU:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CD2	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:427:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:428:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:C	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CA	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:CB	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:H	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:HG	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:N	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:O	10	0.11
(1,11)	1:A:71:LEU:CD2	2:B:429:SER:OG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:394:THR:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:394:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:394:THR:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:394:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:394:THR:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:394:THR:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:394:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:CG	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:396:LYS:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:397:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:399:MET:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CE	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:399:MET:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:399:MET:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:399:MET:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:399:MET:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:399:MET:SD	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:400:ASP:OD2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CD2	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:401:LEU:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:402:GLY:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:403:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CD	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:404:PRO:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:410:LYS:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:C	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:414:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:415:THR:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:415:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:415:THR:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:415:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:415:THR:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:415:THR:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:415:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:417:GLY:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD21	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:HD22	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:ND2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:418:ASN:OD1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:419:ALA:O	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CD	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:420:GLU:OE2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:421:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:423:ALA:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:424:SER:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:424:SER:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:424:SER:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:424:SER:HG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:424:SER:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:424:SER:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:424:SER:OG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:CG	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:425:LEU:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:427:PHE:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:428:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:429:SER:C	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CA	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:429:SER:CB	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:429:SER:H	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:429:SER:HG	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:429:SER:N	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:429:SER:O	10	0.11
(1,11)	1:A:71:LEU:CG	2:B:429:SER:OG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:394:THR:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:394:THR:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:394:THR:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:394:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:394:THR:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:394:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:394:THR:N	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:394:THR:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:394:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:H	2:B:396:LYS:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:397:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:399:MET:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:399:MET:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:399:MET:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:399:MET:CE	10	0.11
(1,11)	1:A:71:LEU:H	2:B:399:MET:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:399:MET:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:399:MET:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:399:MET:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:399:MET:SD	10	0.11
(1,11)	1:A:71:LEU:H	2:B:400:ASP:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:400:ASP:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:400:ASP:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:400:ASP:N	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:400:ASP:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:400:ASP:OD2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:401:LEU:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:401:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:401:LEU:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:401:LEU:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:401:LEU:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:402:GLY:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:402:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:402:GLY:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:402:GLY:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:402:GLY:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:403:PHE:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:404:PRO:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CD	10	0.11
(1,11)	1:A:71:LEU:H	2:B:404:PRO:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:404:PRO:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:404:PRO:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:CG	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:410:LYS:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:H	2:B:410:LYS:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:414:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:415:THR:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:415:THR:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:415:THR:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:415:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:415:THR:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:415:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:415:THR:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:415:THR:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:415:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:417:GLY:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:417:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:417:GLY:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:417:GLY:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:417:GLY:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:418:ASN:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:418:ASN:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:418:ASN:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD21	10	0.11
(1,11)	1:A:71:LEU:H	2:B:418:ASN:HD22	10	0.11
(1,11)	1:A:71:LEU:H	2:B:418:ASN:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:418:ASN:ND2	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:418:ASN:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:418:ASN:OD1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:419:ALA:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:419:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:419:ALA:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:419:ALA:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:419:ALA:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:420:GLU:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CD	10	0.11
(1,11)	1:A:71:LEU:H	2:B:420:GLU:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:420:GLU:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:420:GLU:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:420:GLU:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:420:GLU:OE2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:421:PHE:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:423:ALA:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:423:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:423:ALA:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:423:ALA:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:423:ALA:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:424:SER:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:424:SER:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:424:SER:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:424:SER:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:424:SER:HG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:424:SER:N	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:424:SER:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:424:SER:OG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:425:LEU:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:425:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:425:LEU:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:425:LEU:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:425:LEU:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:427:PHE:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:O	10	0.11
(1,11)	1:A:71:LEU:H	2:B:428:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:H	2:B:429:SER:C	10	0.11
(1,11)	1:A:71:LEU:H	2:B:429:SER:CA	10	0.11
(1,11)	1:A:71:LEU:H	2:B:429:SER:CB	10	0.11
(1,11)	1:A:71:LEU:H	2:B:429:SER:H	10	0.11
(1,11)	1:A:71:LEU:H	2:B:429:SER:HG	10	0.11
(1,11)	1:A:71:LEU:H	2:B:429:SER:N	10	0.11
(1,11)	1:A:71:LEU:H	2:B:429:SER:O	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:H	2:B:429:SER:OG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:394:THR:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:394:THR:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:394:THR:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:394:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:394:THR:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:394:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:394:THR:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:394:THR:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:394:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:N	2:B:396:LYS:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:397:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:399:MET:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:399:MET:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:399:MET:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:399:MET:CE	10	0.11
(1,11)	1:A:71:LEU:N	2:B:399:MET:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:399:MET:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:399:MET:N	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:399:MET:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:399:MET:SD	10	0.11
(1,11)	1:A:71:LEU:N	2:B:400:ASP:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:400:ASP:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:400:ASP:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:400:ASP:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:400:ASP:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:400:ASP:OD2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:401:LEU:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:401:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:401:LEU:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:401:LEU:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:401:LEU:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:402:GLY:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:402:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:402:GLY:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:402:GLY:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:402:GLY:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:403:PHE:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:404:PRO:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CD	10	0.11
(1,11)	1:A:71:LEU:N	2:B:404:PRO:CG	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:404:PRO:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:404:PRO:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:N	2:B:410:LYS:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:414:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:415:THR:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:415:THR:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:415:THR:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:415:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:415:THR:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:415:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:415:THR:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:415:THR:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:415:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:417:GLY:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:417:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:417:GLY:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:417:GLY:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:417:GLY:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:418:ASN:C	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:418:ASN:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:418:ASN:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD21	10	0.11
(1,11)	1:A:71:LEU:N	2:B:418:ASN:HD22	10	0.11
(1,11)	1:A:71:LEU:N	2:B:418:ASN:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:418:ASN:ND2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:418:ASN:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:418:ASN:OD1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:419:ALA:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:419:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:419:ALA:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:419:ALA:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:419:ALA:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:420:GLU:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CD	10	0.11
(1,11)	1:A:71:LEU:N	2:B:420:GLU:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:420:GLU:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:420:GLU:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:420:GLU:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:420:GLU:OE2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:421:PHE:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:423:ALA:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:423:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:423:ALA:H	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:423:ALA:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:423:ALA:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:424:SER:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:424:SER:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:424:SER:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:424:SER:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:424:SER:HG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:424:SER:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:424:SER:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:424:SER:OG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:425:LEU:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:425:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:425:LEU:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:425:LEU:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:425:LEU:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:427:PHE:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:N	2:B:428:GLN:O	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:N	2:B:428:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:N	2:B:429:SER:C	10	0.11
(1,11)	1:A:71:LEU:N	2:B:429:SER:CA	10	0.11
(1,11)	1:A:71:LEU:N	2:B:429:SER:CB	10	0.11
(1,11)	1:A:71:LEU:N	2:B:429:SER:H	10	0.11
(1,11)	1:A:71:LEU:N	2:B:429:SER:HG	10	0.11
(1,11)	1:A:71:LEU:N	2:B:429:SER:N	10	0.11
(1,11)	1:A:71:LEU:N	2:B:429:SER:O	10	0.11
(1,11)	1:A:71:LEU:N	2:B:429:SER:OG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:394:THR:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:394:THR:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:394:THR:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:394:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:394:THR:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:394:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:394:THR:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:394:THR:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:394:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:O	2:B:396:LYS:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:397:GLN:O	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:397:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:399:MET:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:399:MET:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:399:MET:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:399:MET:CE	10	0.11
(1,11)	1:A:71:LEU:O	2:B:399:MET:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:399:MET:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:399:MET:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:399:MET:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:399:MET:SD	10	0.11
(1,11)	1:A:71:LEU:O	2:B:400:ASP:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:400:ASP:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:400:ASP:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:400:ASP:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:400:ASP:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:400:ASP:OD2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:401:LEU:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:401:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:401:LEU:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:401:LEU:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:401:LEU:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:402:GLY:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:402:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:402:GLY:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:402:GLY:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:402:GLY:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:CZ	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:403:PHE:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:403:PHE:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:404:PRO:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CD	10	0.11
(1,11)	1:A:71:LEU:O	2:B:404:PRO:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:404:PRO:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:404:PRO:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CD	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CE	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:HZ3	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:NZ	10	0.11
(1,11)	1:A:71:LEU:O	2:B:410:LYS:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:414:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:415:THR:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:415:THR:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:415:THR:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:415:THR:CG2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:415:THR:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:415:THR:HG1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:415:THR:N	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:415:THR:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:415:THR:OG1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:417:GLY:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:417:GLY:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:417:GLY:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:417:GLY:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:417:GLY:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD21	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:HD22	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:ND2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:418:ASN:OD1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:419:ALA:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:419:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:419:ALA:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:419:ALA:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:419:ALA:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:420:GLU:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CD	10	0.11
(1,11)	1:A:71:LEU:O	2:B:420:GLU:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:420:GLU:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:420:GLU:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:420:GLU:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:420:GLU:OE2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CG	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:421:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:421:PHE:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:423:ALA:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:423:ALA:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:423:ALA:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:423:ALA:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:423:ALA:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:424:SER:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:424:SER:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:424:SER:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:424:SER:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:424:SER:HG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:424:SER:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:424:SER:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:424:SER:OG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:425:LEU:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CD2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:425:LEU:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:425:LEU:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:425:LEU:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:425:LEU:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CD2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CE2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:CZ	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:427:PHE:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CB	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CD	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:CG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE21	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:HE22	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:NE2	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:428:GLN:OE1	10	0.11
(1,11)	1:A:71:LEU:O	2:B:429:SER:C	10	0.11
(1,11)	1:A:71:LEU:O	2:B:429:SER:CA	10	0.11
(1,11)	1:A:71:LEU:O	2:B:429:SER:CB	10	0.11
(1,11)	1:A:71:LEU:O	2:B:429:SER:H	10	0.11
(1,11)	1:A:71:LEU:O	2:B:429:SER:HG	10	0.11
(1,11)	1:A:71:LEU:O	2:B:429:SER:N	10	0.11
(1,11)	1:A:71:LEU:O	2:B:429:SER:O	10	0.11
(1,11)	1:A:71:LEU:O	2:B:429:SER:OG	10	0.11

10 Dihedral-angle violation analysis

No dihedral-angle restraints found